Audio Visual | Aerial and Satellite | PA Equipment | CCTV and Security

SHARP

Sharp LE651 Series

60" Full 1080p 3D Smart Freeview HD Televisions

Full HD Panel (1920 x 1080)
Freeview HD built-in
3D TV with Edge LED backlight

100Hz
AQUOS NET+ Smart platform with Internet browser

Media player via home network (DLNA) or USB
USB PVR with Timeshift+ ready

AQUOS

The AQUOS LE651 series uses the latest Sharp image technology to give you the best possible viewing experience, thanks to its natural colours, rich contrast and depth and smooth moving images, no matter what you're watching - 2D or 3D. Through Ethernet or with optional Wifi dongle, access to Aquos Net+ means you are connected to the world of apps and contents. All packed in an elegant, floating design.

Order Code	Description	Trade	Offer
LC60LE651K	60" 3D Smart		
AN3DG35	3D Glasses		

B-TECH BT8220

Ultra slim universal flat screen wall mount for screens up to 65"

B-TECH BT8432

Universal flat screen wall mount **with TILT** for screens up to 65"

LG DVD-DP432H

Slim DVD Player
DivX / MPEG2/4, USB 2.0

VGAHDMI

Converter, VGA Audio to HDMI

Audio Visual

JUNE 2014

Sales **01253 607830**
Tech **01253 607859**
Fax **01253 607831**
Web **www.hblitherland.co.uk**
Email **sales@hblitherland.co.uk**

The full range of Samsung TV's are available from HBL

For models not listed here, please contact **Sales** on **01253 607830**

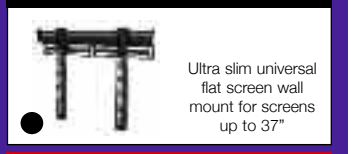
SAMSUNG

Don't forget to order...

B-TECH BT7523

Universal flat screen wall mount **with TILT** for screens up to 42"

B-TECH BT8421



Ultra slim universal flat screen wall mount for screens up to 37"

B-TECH BT8210

Ultra slim universal flat screen wall mount for screens up to 55"

B-TECH BT8220

Ultra slim universal flat screen wall mount for screens to to 65"

B-TECH BT8431

Universal flat screen wall mount **with TILT** for screens up to 50"

B-TECH BT8432

Universal flat screen wall mount **with TILT** for screens up to 65"

Samsung H6400 Series

32" – 75" 3D Smart Full HD LED Television with voice control

SSG-5100GB

Connections
HDMI: 4 • USB: 3
Component: 1 • Composite: 1
Ethernet: 1 • Optical audio out:1
Scart: 1.

Order Code	Description	Bracket	Trade	Offer
UE75H6400	75" 3D SMART LED	BT9903		
UE65H6400	65" 3D SMART LED	● or ●		
UE55H6400	55" 3D SMART LED	● or ●		
UE48H6400	48" 3D SMART LED	● or ●		
UE40H6400	40" 3D SMART LED	● or ●		
UE32H6400	32" 3D SMART LED	● or ●		
SSG-5100GB	3D Glasses			

Samsung H4500 Series

51" and 43" HD Ready Plasma TV

NEW FOR 2014

Mega Contrast creates crisper, clearer, better defined images with excellent contrast rations

Wide Colour Enhancer Plus technology dramatically improves the quality of any image, enhances the colours of every frame and shows colours as they are meant to be seen

Channel List USB Clone

Order Code	Description	Brackets	Offer
PE51H4500	51" Plasma TV	● or ●	
PE43H4500	43" Plasma TV	● or ●	
VGAHDMI	VGA to HDMi Converter		

Connections
HDMI: 2
USB: 1
Component:1
Composite:1
Scart: 1
Optical Audio Out:1

Samsung H4000 Series

32", 28" and 19" HD Ready LED

Wide Color Enhancer Plus

With Wide Color Enhancer Plus, you'll witness a wider spectrum of colors on your screen, just like the director intended. You'll enjoy enriched colors while watching your favorite movies, and shows, even if it's older, non-HD content.

720p HD

Experience a great picture with Samsung HD 720p LED TV. You can catch all the details of your favorite films and games.

Clear Motion Rate 120

View every detail of action-packed movies and sports with Clear Motion Rate 120, a great level of motion-clarity. The Samsung CMR uses the frame refresh rate, image processor speed and backlight technology to measure fast action.

Eco Sensor

With Eco Sensor, your TV can intelligently adapt its picture according to the intensity of the light in the room. This technology measures the amount of existing light and automatically adjusts the brightness of the image on the TV.

Order Code	Description	Brackets	Trade	Offer
UE32H4000	32" LED TV	● or ●		
UE28H4000	28" LED TV	● or ●		
UE19H4000	19" LED TV	●		
VGAHDMI	VGA to HDMi Converter			

Connections
HDMI: 2
USB: 1
Component:1
Composite:1
Scart: 1
Optical Audio Out:1

All prices exclude VAT Open Monday - Friday 08:00 – 18:00. All orders for next day delivery there is a £7.50 carriage charge. No charge for back orders. UK mainland only. Channel Islands, Northern Ireland, Eire, Isle of Man, Scottish Highlands and Islands etc. – POA. Large screens 60" and over and orders that need to be palletised will incur an additional charge – POA.

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**
For models not listed here, please contact **Sales** on **01253 607830**

Don't forget to order...

Labgear HDMi
GOLD PLATED HDMI LEADS AND ADAPTORS

Code	Description	Trade	Offer
HDM1.5E	1.5m HDMi		
HDM3E	3m HDMi		
HDM5E	5m HDMi		
HDM10E	10m HDMi		
HDM15E	15m HDMi		
HDM20E	20m HDMi		
HDM1.5FE	1.5m FLAT		
HDM3FE	3m FLAT		
HDM5FE	5m FLAT		
HDM1.5ES	1.5m SWIVEL		
HDM3ES	3m SWIVEL		
HDMDVA	HDMi - DVi		
HDMC	HDMi Coupler		
HDMRA	Right Angle		

B-TECH BT7523

Universal flat screen wall mount **with TILT** for screens up to 42"

B-TECH BT8421

Ultra slim universal flat screen wall mount for screens up to 37"

B-TECH BT8210

Ultra slim universal flat screen wall mount for screens up to 55"

B-TECH BT8431

Universal flat screen wall mount **with TILT** for screens up to 50"

B-TECH BT8432

Universal flat screen wall mount **with TILT** for screens up to 65"

SAMSUNG

Samsung H5500 Series

48" – 32" Full HD LED Smart Television

NEW FOR 2014

Enjoying Smart TV is now faster than ever before

Never miss your favourite shows again on your powerful Samsung H5500 Smart TV, with the best range of Catch Up services on any Smart TV[9] – including the exclusive ITV Player. Explore the latest content on the easy to navigate Smart Hub and experience the exciting new Games panel that brings family fun back to back to the living room.

The powerful Quad Core processor in the H5500 significantly boosts performance with faster access to Smart features and true multitasking capabilities. Enjoy super-fast app response times, watch TV while simultaneously taking a Skype call or carry on viewing your favourite programme whilst using an app. It's now even easier to toggle between apps, online services and on-air TV, a truly seamless TV experience.

S Recommendation[3] technology lets you discover more of the TV you love by suggesting what's new to watch based on what you like. It Intelligently learns your preferences and instantly searches Live TV, video on demand services and apps to recommend TV and online content tailored to you. Now you'll always know what's on without the need to look for it.

Freeview HD

HD ready

Connections
HDMI: 3
USB: 2
Component: 1
Composite: 1
Ethernet: 1

Order Code	Description	Brackets	Trade	Offer
UE48H5500	48" Smart TV	● or ●		
UE40H5500	40" Smart TV	● or ●		
UE32H5500	32" Smart TV	● or ●		

Samsung H4500/H5600 Series

32" and 22" HD Ready LED Smart Television

NEW FOR 2014

Enjoy a smarter TV experience in any room in your home

Explore the award-winning Samsung Smart TV experience[6] – including exclusive apps such as ITV Player – in any room in your house, with the beautifully designed Samsung H5600. Discover the latest content on the easy to navigate Smart Hub faster than ever before. Great things come in small packages

The powerful Quad Core processor in the H5600 significantly boosts performance with faster access to Smart features and true multitasking capabilities. Enjoy super-fast app response times, watch TV while simultaneously taking a Skype call or carry on viewing your favourite programme whilst using an app. It's now even easier to toggle between apps, online services and on-air TV, a truly seamless TV experience.

S Recommendation[3] technology lets you discover more of the TV you love by suggesting what's new to watch based on what you like. It Intelligently learns your preferences and instantly searches Live TV, video on demand services and apps to recommend TV and online content tailored to you. Now you'll always know what's on without the need to look for it.

HD ready 1080p

Freeview

Connections
HDMI: 3
USB: 2
Component: 1
Composite: 1
Ethernet: 1

Order Code	Description	Bracket	Trade	Offer
UE32H4500	32" Smart LED TV	● or ●		
UE22H5600	22" Smart LED TV	● or ●		

All prices exclude VAT Open Monday - Friday 08:00 – 18:00. All orders for next day delivery there is a £7.50 carriage charge. No charge for back orders. UK mainland only. Channel Islands, Northern Ireland, Eire, Isle of Man, Scottish Highlands and Islands etc. – POA. Large screens 60" and over and orders that need to be palletised will incur an additional charge – POA.

The full range of Samsung Televisions are available from HBL

For models not listed here, please contact **Sales** on **01253 607830**

SAMSUNG

Don't forget to order...

B-TECH BT7523

Universal flat screen wall mount **with TILT** for screens up to 42"

B-TECH BT8200

Ultra slim universal flat screen wall mount for screens up to 45"

B-TECH BT8210

Ultra slim universal flat screen wall mount for screens up to 55"

B-TECH BT8431

Universal flat screen wall mount **with TILT** for screens up to 50"

Samsung H5000 Series

48" – 22" Full HD LED Television

NEW FOR 2014

Feel the sensation of Full HD picture quality

Samsung's popular 5 series H5000 TV displays a picture quality that's crisp, clear, and breathtakingly life-like. Enjoy movies, drama and sporting events in Full HD from the comfort of your home and feel like you're part of the crowd with Samsung's Football mode.

Samsung's Full HD 1080p TV displays a picture quality that's crisp, clear and breathtakingly life-like to create an immersive TV experience.

Freeview HD is a free to air digital service built into your TV to offer more choice. With free access to over 50 standard definition TV channels and 4 HD channels (including ITV HD, BBC One HD, BBC HD and 4 HD), now there's always something to watch!

Freeview HD

HD Ready

Connections
HDMI: 2
USB: 1
Component: 1
Composite: 1
Headphone: 1
Optical Audio Out: 1
Scart: 1

Order Code	Description	Brackets	Trade	Offer
UE48H5000	48" Full HD LED TV	or		
UE40H5000	40" Full HD LED TV	or		
UE32H5000	32" Full HD LED TV	or		
UE22H5000	22" Full HD LED TV	or		
VGAHDMI	VGA to HDMi Converter			

Samsung DVD – E360

Slim DVD Player

DivX / MPEG2/4, USB 2.0

Order Code	Trade	Offer
DVD-E360		

Samsung BD-H5500

Smart 3D Network Blu-Ray Player

Enjoy Great online Content
Experience amazing Full HD 3D Entertainment

NEW FOR 2014

Order Code	Trade	Offer
BD-H5500		

Samsung BD-H6500

3D Smart Network Blu-ray & DVD

NEW FOR 2014

Access Smart hub content and apps
Enjoy Great online Content
Experience amazing Full HD 3D Entertainment

Order Code	Trade	Offer
BD-H6500		

Samsung BD-F7500

Smart 4K Upscalling 3D Blu-ray & DVD Player

NEW FOR 2014

Access Smart hub content and apps
Enjoy Great online Content
Experience amazing Full HD 3D Entertainment

Order Code	Trade	Offer
BD-F7500		

All prices exclude VAT Open Monday - Friday 08:00 – 18:00. All orders for next day delivery there is a £7.50 carriage charge. No charge for back orders. UK mainland only. Channel Islands, Northern Ireland, Eire, Isle of Man, Scottish Highlands and Islands etc. – POA. Large screens 60" and over and orders that need to be palletised will incur an additional charge – POA.

The full range of LG Televisions are available from HBL

For models not listed here, please contact **Sales** on **01253 607830**

Don't forget to order...

LG DVD / BLU-RAY PLAYERS

LG DP542H
Slim DVD Player

Colour: Black
DVD/CD Playback
1080p Up scaling

LG BP240
Blu-Ray Player, 1080p Up-scaling

Space saving compact design
1080p up-scaling
External HDD playback

Order Code	Trade	Offer
DP542H		
BP240		

B-TECH BT7523

Universal flat screen wall mount **with TILT** for screens up to 42"

B-TECH BT8200

Ultra slim universal flat screen wall mount for screens up to 45"

B-TECH BT8210

Ultra slim universal flat screen wall mount for screens up to 55"

B-TECH BT8220

Ultra slim universal flat screen wall mount for screens to 65"

B-TECH BT8431

Universal flat screen wall mount **with TILT** for screens up to 50"

B-TECH BT8432

Universal flat screen wall mount **with TILT** for screens up to 65"

LG LB580V Series Smart Full HD LED Televisions

60", 55", 50", 47", 42", 39" and 32" Models

NEW FOR 2014

SILVER FINISH

Making TV Simple Again

Bringing together all of your favourite entertainment services, enjoy catch-up TV from BBC iPlayer and Demand5, as well as instant access to movies on demand via Sky Movies on NOW TV, Netflix, Amazon Instant and Blinkbox.

Stream live sports via Sky Sports on NOW TV, Eurosport, BBC Sport and ESPN Player, access music from Spotify and Napster, and watch the latest videos on YouTube.*

*Services are subject to availability and june vary across products and platforms. Due to platform upgrades some services require modification before launching on 2014 devices.

Freeview HD · LG Smart TV · Full HD 1080p · Magic Remote Ready · HD ready 720p

Smart Sharing
Miracat
Smart Mobile Link (MHL)
WiDi

Order Code	Description	Brackets	Trade	Offer
60LB580V	60" LED Smart TV	● or ●		
55LB580V	55" LED Smart TV	● or ●		
50LB580V	50" LED Smart TV	● or ●		
47LB580V	47" LED Smart TV	● or ●		
42LB580V	42" LED Smart TV	● or ●		
39LB580V	39" LED Smart TV	● or ●		
32LB580V	32" LED Smart TV	● or ●		
ANMR500	Magic Remote			

All prices exclude VAT Open Monday - Friday 08:00 – 18:00. All orders for next day delivery there is a £7.50 carriage charge. No charge for back orders. UK mainland only. Channel Islands, Northern Ireland, Eire, Isle of Man, Scottish Highlands and Islands etc. – POA. Large screens 60" and over and orders that need to be palletised will incur an additional charge – POA.

The full range of LG Televisions are available from HBL

For models not listed here, please contact **Sales** on **01253 607830**

Don't forget to order...

HDMi

GOLD PLATED HDMI LEADS AND ADAPTORS

High Performance HDMi 1.4 Cables
featuring Gold-Plated Connectors

-Code	Length	Colour	Offer
STA-5010-1M-BLUE	1m	Blue	
STA-5010-3M-BLUE	3m	Blue	
STA-5010-5M-BLUE	5m	Blue	
STA-5010-10M-BLUE	10m	Blue	
STA-5010-1M-RED	1m	Red	
STA-5010-3M-RED	3m	Red	
STA-5010-5M-RED	5m	Red	
STA-5010-10M-RED	10m	Red	
STA-5010-1M-GREEN	1m	Green	
STA-5010-3M-GREEN	3m	Green	
STA-5010-5M-GREEN	5m	Green	
STA-5010-10M-GREEN	10m	Green	

B-TECH BT7523

Universal flat screen wall mount **with TILT** for screens up to 42"

B-TECH BT8200

Ultra slim universal flat screen wall mount for screens up to 45"

B-TECH BT8210

Ultra slim universal flat screen wall mount for screens up to 55"

B-TECH BT8220

Ultra slim universal flat screen wall mount for screens to 65"

B-TECH BT8431

Universal flat screen wall mount **with TILT** for screens up to 50"

B-TECH BT8432

Universal flat screen wall mount **with TILT** for screens up to 65"

LG LB650V Series Cinema 3D Smart Full HD LED Televisions

60", 55", 47", 42" and 32" Models

NEW FOR 2014

SILVER FINISH

Freeview HD LG Smart TV

FULL HD 1080P Magic Remote Ready

Making TV Simple Again

All Include 2 Pairs of 3D glasses

LG Smart TVs with webOS™ revolutionise the way you watch and experience entertainment on your TV. Free from the complexities and complications of advanced technology, you can now enjoy Smart TV the way it is supposed to be, simple and intuitive, bringing together all your favourite catch-up TV, Movies, Sport and Music services. Whatever you wish to watch, find, launch, or play, you can do it easily with webOS, the efficient and user-friendly Smart TV is designed with you in mind.

You can also enjoy CINEMA 3D in greater comfort with light, battery-free, and affordable 3D glasses.

Smart TV with webOS™
CINEMA 3D
2.0 Ch Speaker System
Freeview HD
IPS Panel
Built-in Wi-Fi
3 x HDMI
3 x USB

Smart Sharing
Miracat
Smart Mobile Link (MHL)
WiDi

Order Code	Description	Brackets	Trade	Offer
60LB650V	60" 3D LED Smart TV	● or ●		
55LB650V	55" 3D LED Smart TV	● or ●		
47LB650V	47" 3D LED Smart TV	● or ●		
42LB650V	42" 3D LED Smart TV	● or ●		
32LB650V	32" 3D LED Smart TV	● or ●		
ANMR500	Magic Remote			

All prices exclude VAT Open Monday - Friday 08:00 – 18:00. All orders for next day delivery there is a £7.50 carriage charge. No charge for back orders. UK mainland only. Channel Islands, Northern Ireland, Eire, Isle of Man, Scottish Highlands and Islands etc. – POA. Large screens 60" and over and orders that need to be palletised will incur an additional charge – POA.

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**
For models not listed here, please contact **Sales** on **01253 607830**

Don't forget to order...

B-TECH BT7523

Universal flat screen wall mount **with TILT** for screens up to 42"

B-TECH BT8200

Ultra slim universal flat screen wall mount for screens up to 45"

B-TECH BT8210

Ultra slim universal flat screen wall mount for screens up to 55"

B-TECH BT8220

Ultra slim universal flat screen wall mount for screens to to 65"

B-TECH BT8431

Universal flat screen wall mount **with TILT** for screens up to 50"

B-TECH BT8432

Universal flat screen wall mount **with TILT** for screens up to 65"

LG 50PB560B 50" HD Ready Plasma Television

NEW FOR 2014

Freeview
600Hz MAX Sub Field Driving

Clear and smooth images even during fast-moving action and sports scenes	HD Ready
Tripple XD Engine	2x 20w Speakers
2.0 Channel speaker system	Virtual Surround
	HDMI: 1
	USB: 1

Order Code	Description	Brackets	Trade	Offer
50PB560B	50" Plasma TV	● or ●		
VGAHDMI	VGA to HDMi Converter			

LG 60PB5600 60" Full HD Plasma Television

Fundamentals	Key Features
FHD	Triple XD Engine
Plasma	2 Ch. Speaker
600Hz Max	Virtual Surround
	Smart Energy Saving
Design	Motion Eye Care
Razor Frame	DivXHD
Protective Glass	Clear Voice 2.0
	Picture Wizard 2.0
	HDMI 2 / USB 1

Freeview
600Hz MAX Sub Field Driving

Order Code	Description	Bracket	Trade	Offer
60PB5600	60" PLASMA TV	● or ●		
VGAHDMI	VGA to HDMi Converter			

LG LB550V Series 49" and 42" Full HD LED Televisions

NEW FOR 2014

Freeview
FULL HD 1080P

Affordable LED TV	HD Ready
Full HD logo and Freeview HD Logo	2x 10w Speakers
	Virtual Surround
Tripple XD Engine	HDMI: 1
2.0 Channel speaker system	USB: 1

Order Code	Description	Bracket	Trade	Offer
49LB550V	49" LED TV	● or ●		
42LB550V	42" LED TV	● or ●		
VGAHDMI	VGA to HDMi Converter			

LG 32LB550U

32" HD Ready LED TV

NEW FOR 2014

Affordable LED TV	2x 10w Speakers
Tripple XD Engine	Virtual Surround
2.0 Channel speaker system	HDMI: 1
HD Ready	USB: 1

Freeview

Order Code	Description	Bracket	Trade	Offer
32LB550U	32" LED TV	● or ●		
VGAHDMI	VGA to HDMi Converter			

All prices exclude VAT Open Monday - Friday 08:00 – 18:00. All orders for next day delivery there is a £7.50 carriage charge. No charge for back orders. UK mainland only. Channel Islands, Northern Ireland, Eire, Isle of Man, Scottish Highlands and Islands etc. – POA. Large screens 60" and over and orders that need to be palletised will incur an additional charge – POA.

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**
For models not listed here, please contact **Sales** on **01253 607830**

Don't forget to order...

Labgear HDMi
GOLD PLATED HDMI LEADS AND ADAPTORS

High Speed HDMI with Ethernet
Flat High Speed with Ethernet
HDMI Swivel Head Cable

Reduce crosstalk and interference
Supports 1080p, 3D TV and HD TV

Code	Description	Trade	Offer
HDM1.5E	1.5m HDMi		
HDM3E	3m HDMi		
HDM5E	5m HDMi		
HDM10E	10m HDMi		
HDM15E	15m HDMi		
HDM20E	20m HDMi		
HDM1.5FE	1.5m FLAT		
HDM3FE	3m FLAT		
HDM5FE	5m FLAT		
HDM1.5ES	1.5m SWIVEL		
HDM3ES	3m SWIVEL		
HDMDVA	HDMi - DVi		
HDMC	HDMi Coupler		
HDMRA	Right Angle		

Blu-Ray / DVD / Digi-Box Wall Mounts
1 Shelf or 2 Shelf

Black glass and aluminium DVD wall mounts

W 420mm,
D 338mm
H 250mm (1 Shelf),
650mm (2 Shelf),
DVD support
Weight-max 10kg
Cable management

Ideal for Blu-Ray Players, DVD Players and Digi Boxes

Code		Trade	Offer
1SWM	1 Shelf		
2SWM	2 Shelf		

LG DP542H
Slim DVD Player

NEW FOR 2014

Colour: Black
DVD/CD Playback
1080p Up scaling

Order Code	Trade	Offer
DP542H		

LG BP240
Blu-Ray Player, 1080p Up-scaling

NEW FOR 2014

Space saving compact design
1080p up-scaling
External HDD playback

Order Code	Trade	Offer
BP240		

LG BP325
3D Slim Smart Blu-ray Player

3D Blu ray Disc playback
External HDD Playback
LG Smart - Connect to the internet via the in-built Ethernet port and you'll have access to Picasa, YouTube and AccuWeather apps

Order Code	Trade	Offer
BP325		

LG BP740
Smart 3D Blu-Ray Player

NEW FOR 2014

LG Smart apps
3D-Blu-ray Playback
2D to 3D conversion
Ultra HD Upscaling
4k up scaling

Order Code	Trade	Offer
BP740		

VGA TO HDMI CONVERTER

Code: VGAHDMI

All prices exclude VAT Open Monday - Friday 08:00 – 18:00. All orders for next day delivery there is a £7.50 carriage charge. No charge for back orders. UK mainland only. Channel Islands, Northern Ireland, Eire, Isle of Man, Scottish Highlands and Islands etc. – POA. Large screens 60" and over and orders that need to be palletised will incur an additional charge – POA.

The full range of Cello TV's are available from HBL

For models not listed here, please contact **Sales** on **01253 607830**

cello

Don't forget to order...

HDMi

GOLD PLATED HDMI LEADS AND ADAPTORS

High Performance HDMi 1.4 Cables **featuring Gold-Plated Connectors**

-Code	Length	Colour	Offer
STA-5010-1M-BLUE	1m	Blue	
STA-5010-3M-BLUE	3m	Blue	
STA-5010-5M-BLUE	5m	Blue	
STA-5010-10M-BLUE	10m	Blue	
STA-5010-1M-RED	1m	Red	
STA-5010-3M-RED	3m	Red	
STA-5010-5M-RED	5m	Red	
STA-5010-10M-RED	10m	Red	
STA-5010-1M-GREEN	1m	Green	
STA-5010-3M-GREEN	3m	Green	
STA-5010-5M-GREEN	5m	Green	
STA-5010-10M-GREEN	10m	Green	

SLX 28030R

Universal flat screen wall mount for screens up to 32"

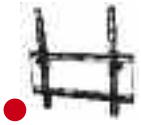
SLX 28032R

Universal flat screen wall mount **with TILT** for screens up to 32"

SLX 28038R

Ultra slim universal flat screen wall mount for screens up to 42"

SLX 28040R



Slim universal flat screen wall mount **with TILT** for screens up to 42"

SLX 28044R

Universal flat screen wall mount **with TILT** for screens up to 63"

Cello C50238DVBT2 & Cello C58227DVBT2

58" + 50" FULL HD LED TELEVISION

Full HD 1080p for greater picture clarity - Made in UK
USB connectivity to view movies, games & photos

HDMI Input: 3 x
MINI YPbPr input : no
VGA Input : 1 x
PC Audio Input : no
SCART: 1 x
RCA Audio (L/R) IN - White/Red: 1 x
AV In: 1 x
Coaxial Output: 1 x
Earphone Output : 1 x
Common Interface: 1 x
USB 2.0 Connector: 1 x

Order Code	Description	Bracket	Trade	Offer
C50238DVBT2	50" LED TV			
C58227DVBT2	58" LED TV			

Cello C39226 Series

39/40" Full HD LED TV - Built In DVD Player Model Available (40")

Full HD 1080p Panel - Mpeg 4 (H.264) Technology - USB port for recording TV onto a USB device or playback of Video / music / photo / - SRS TruSurround HD

HDMI Input: 3 x
MINI YPbPr input : 1 x
VGA Input : 1 x
PC Audio Input : 1 x
SCART: 1 x, AV In: 1 x
Coaxial Output: 1 x
Earphone Output : 1 x
Common Interface: 1 x
USB 2.0 Connector: 1 x

Order Code	Description	Bracket	Trade	Offer
C39226DVB	39" LED TV	or		
C40227FT2	40" LED TV / DVD	or		

Cello 32" C32227FB/DVB

LED TV's with Built In DVD Player

Integrated DVD Player
Freeview and Soarview UK & Irish Digital Channels
SRS TruSurround HD
3 x HDMI connections
USB connectivity to view movies, games and photos
Made in the UK

Order Code	Description	Bracket	Trade	Offer
C32227DVB	32" LED TV black	or		
C32227FB	32" LED TV/DVD	or		

Cello C28227 Series

28" HD Ready LED - Built In DVD Player Model Available

HDMI Input: 3 x
MINI YPbPr input : 1 x
VGA Input : 1 x
PC Audio Input : 1 x
SCART: 1 x
AV In: 1 x
Coaxial Output: 1 x
Earphone Output : 1 x
Common Interface : 1 x
USB 2.0 Connector: 1 x

Order Code	Description	Bracket	Trade	Offer
C28227DVB	28" LED TV	or		
C28227F	28" TV / DVD	or		

Cello C24115 Series

24" Full HD LED TV - Built In DVD Player Model Available

HDMI Input: 1 x
MINI YPbPr input : 1 x
VGA Input : 1 x
PC Audio Input : 1 x
SCART: 1 x
RCA Audio (L/R) IN - White/Red: 1 x
AV In: 1 x
Coaxial Output: 1 x
Earphone Output : 1 x
Common Interface : 1 x
USB 2.0 Connector: 1 x

Order Code	Description	Bracket	Trade	Offer
C24115DVB-LED	24" 1080p LED TV	or		
C24115F	24" 1080p TV/DVD	or		

Cello C22115 Series

22" Full HD LED TV - Built In DVD Player Model Available

HDMI Input: 1 x
MINI YPbPr input : 1 x
VGA Input : 1 x
PC Audio Input : 1 x
SCART: 1 x
RCA Audio (L/R) IN - White/Red: 1 x
AV In: 1 x
Coaxial Output: 1 x
Earphone Output : 1 x
Common Interface : 1 x
USB 2.0 Connector: 1 x

Order Code	Description	Bracket	Trade	Offer
C22115DVB	22" 1080p LED TV	or		
C22115F	22" 1080p TV/DVD	or		

Cello TRAVELLER

19/22" Full HD 1080p LED TV / DVD

HDMI Input x 1
Mini YPbPr Input x 1
VGA Input x 1
PC Audio Input x 1
SCART x 1
RCA Audio (L/R) IN - White/Red x 1
AV In x 1
Coaxial Output x 1
Earphone Output x 1
Common Interface x 1
USB 2.0 Connector x 1

IDEAL FOR TRAVEL USE

Order Code	Description	Bracket	Trade	Offer
C19103TRAVELLER	19" TV / DVD	or		
C22EFFTRAVELLER	22" TV / DVD	or		

Cello C16115 Series

16" HD Ready LED TV - Built In DVD Player Model Available

RF Antenna x2
HDMI x1
CVBS x1
PC In x1
Audio In PC audio x 1,
CVBS Audio x1
Scart x1
YPbPr x1
Coax x1
Earphone Out x1
USB x1
CI x1

Order Code	Description	Bracket	Trade	Offer
C16115DVB-LED	16" LED TV	or		
C16115F-LED	16" LED TV / DVD	or		

All prices exclude VAT Open Monday - Friday 08:00 – 18:00. All orders for next day delivery there is a £7.50 carriage charge. No charge for back orders. UK mainland only. Channel Islands, Northern Ireland, Eire, Isle of Man, Scottish Highlands and Islands etc. – POA. Large screens 60" and over and orders that need to be palletised will incur an additional charge – POA.

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**
For models not listed here, please contact **Sales** on **01253 607830**

SHARP

Don't forget to order...

B-TECH BT7523

Universal flat screen wall mount **with TILT** for screens up to 42"

B-TECH BT8200

Ultra slim universal flat screen wall mount for screens up to 45"

B-TECH BT8421

Ultra slim universal flat screen wall mount for screens up to 37"

B-TECH BT8210

Ultra slim universal flat screen wall mount for screens up to 55"

B-TECH BT8431

Universal flat screen wall mount **with TILT** for screens up to 50"

B-TECH BT8432

Universal flat screen wall mount **with TILT** for screens up to 65"

Sharp LE761 Series 50" and 42" Full HD 3D Smart Televisions

NEW FOR 2014

3D, Full HD panel (1920 X 1080)
HD Tuner (DVB-T2 / DVB-T / DVB-C)
Active motion 300HZ
WIFI built-in with DLNA
AQUOS NET+ smart TV platform with remote control app
Media player via USB
USB PVR Ready

42" Active 3D (2 Pairs of glasses included)
50" Passive 3D (4 Pairs of glasses included)

Connections
HDMI v1.4: 4
Scart: 2
AV: 1
VGA: 1
DVI: 1
USB: 1
Component:1
Analogue Audio out: 1
Digital audio out(Optical): 1

Order Code	Description	Brackets	Trade	Offer
LC50LE761KN	50" Passive 3D TV	● or ●		
LC42LE761KN	42" Active 3D TV	● or ●		

Sharp LD266 Series
50", 46" and 42" Full HD LED Televisions

NEW FOR 2014

HD Tuner (DVB-T2 / DVB-T / DVB-C)
Active motion 100HZ
Media player via USB
USB PVR Ready

Connections
HDMI v1.4: 2

Scart: 1
AV: 1
VGA: NO
USB: 1
Component:1
Analogue Audio out: 1
Digital audio out(Optical): 1

Order Code	Description	Brackets	Trade	Offer
LC50LD266K	50" Full HD LED TV	● or ●		
LC46LD266K	46" Full HD LED TV	● or ●		
LC42LD266K	42" Full HD LED TV	● or ●		
VGAHDMI	VGA to HDMi Converter			

Sharp LC32LD166K
32" HD Ready LED Television

NEW FOR 2014

HD Tuner (DVB-T2 / DVB-T / DVB-C)
Active motion 100HZ
Media player via USB

Connections
HDMI v1.4: 2

Scart: 1
AV: 1
VGA: No
USB: 1
Component:1
Analogue Audio out: 1
Digital audio out(Optical): 1

Order Code	Description	Brackets	Trade	Offer
LC32LD166K	32" HD Ready TV	● or ●		
VGAHDMI	VGA to HDMi Converter			

Sharp LC24DV250K
24" FreeView TV / DVD Combi

DVD Player built-in
PVR and Timeshift ready via USB

Freeview
Media player for video, music and pictures via USB

The DV250 is a TV with built-in DVD drive and plenty of other features at an attractive price, but without compromising on sound and picture quality. The built-in Recorder and Media Player for USB connected devices make it a multimedia talent for video, music and photo.

Order Code	Description	Bracket	Trade	Offer
LC24DV250K	24" TV / DVD	● or ●		

Sharp LE250 Series
HD Ready FreeView Televisions

HD-Ready (1366 x 768)
PVR and Timeshift ready via USB REC

Freeview
USB Media player for video, music and pictures

Order Code	Description	Bracket	Trade	Offer
LC24LE250KBK	24" BLACK TV	● or ●		
LC22LE250K	22" BLACK TV	● or ●		

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ultra largescreen televisions

everything is about to change

Full HD X-GEN Panel (1920 x 1080 x 3)
HD Tuner (DVB-T/T2 / DVB-C / DVB-S/S2), MPEG2 / MPEG4 H.264
LCD TV with Direct Full LED Backlight
Active Motion 200 (100HZ Native LCD Panel)
AQUOS NET+ Internet Access
Media Player via Home Network (DLNA) or USB
USB Timeshift+ for Easy Programming

LC60LE651K
LC70LE747KN
LC80LE657KN
LC90LE757K
AN3DG40 (3D Glasses)
BT9903 (Flat Panel Mount up to 90")

The new Ultra Largescreen Sharp Televisions use the very latest Sharp image technology to give you the best possible viewing experience, no matter what you're watching - 2D or 3D. The picture, with its natural colours, really comes alive and is rich in contrast and breathtaking depth. And what's more, the low energy consumption means you get top image quality with efficiently low power consumption. 3D capable, and with AQUOS NET+, you have access to your world of contents through your internet connection.

651K 60", Full HD, Edge LED, 3D, Freeview HD, Aguos Net+
747KN 70", Full HD, Edge LED, 3D, Freeview HD, Aquos Net+
657KN 80", Full HD, Edge LED, 3D, Freeview HD, Aquos Net+
757K 90", Full HD, Direct LED, 3D, Freeview HD, Aquos Net+

Wi-fi dongle included with all sets, 3D Glasses not included

OPTIMUM VIEWING DISTANCES

Recommended minimum distance to enjoy your big screen

Standard Delivery Charges do not apply

Please enquire regarding availability. Call Sales on 01253 607 830 SHARP

Don't forget to order...

B-TECH BT7523

Universal flat screen wall mount **with TILT** for screens up to 42"

B-TECH BT8200

Ultra slim universal flat screen wall mount for screens up to 45"

B-TECH BT8421

Ultra slim universal flat screen wall mount for screens up to 37"

B-TECH BT8210

Ultra slim universal flat screen wall mount for screens up to 55"

B-TECH BT8431

Universal flat screen wall mount **with TILT** for screens up to 50"

DVD-S500EB-K
DVD Player

DMP-BD79EB-K
2D Blu Ray Player with VOD and Catch Up TV

SC-PM200EB-S
20W Micro System

Panasonic

Panasonic A400B Series 50", 42", 39", and 32" Full HD LED TV with Freeview

- Panasonic TX-50A400B Full HD 1080p Slim LED with Narrow Bezel - This is a slim and stylish TV with a very narrow frame around the screen that will look great in many different rooms and homes. As well as being slimline, LED TVs produce bright, eye-catching pictures and use less energy than traditional LCD or Plasma TVs.
- Built in Freeview HD Turner for free-to-air viewing in High Definition

  100hz Back-Light Blinking switches the backlight off between frames to hide the lag whilst the TV panel responds
- High Contrast - Dedicated processing in the TV improves the contrast, making the dark areas seem rich and deep and the bright areas stand out. Higher contrast makes detail easier to see and brings out the full depth of an HD TV.
- USB Connection - A handy USB slot allows you to view your digital photos and movies on the big screen. It will even play your digital music from a USB stick.

HDMI – 2 **Component – 1**
Scart – 1 **USB – 1**

Order Code	Description	Brackets	Trade	Offer
TX-50A400B	50" LED TV	● or ●		
TX-42A400B	42" LED TV	● or ●		
TX-39A400B	39" LED TV	● or ●		
TX-32A400B	32" LED TV	● or ●		

Panasonic XM6B Series
VIERA LED FreeView HD TV's

Slim Design **High Contrast**
Dot Noise Reduction **USB**
Media Player (Photo & Music) **Energy Efficiency Class A+**

Order Code	Description	Brackets	Trade	Offer
TX-L24XM6B	24" HD LED TV	●		
TX-L19XM6B	19" HD LED TV	●		

DMR-EX86EBK
DVD Recorder with 320GB HDD and Freeview Plus

Connectivity: **1 USB port**
1 HDMI port **Size H5.9, W43, D28.6cm.**
1 SCART input **Weight 3.4kg**

VIERA Connect brings you video-on-demand (VOD), catch-up TV, games, educational content, and lots more, through a wide range of apps.

Order Code	Trade	Offer
DMR-EX86EBK		

Panasonic DVD-S500 DVD Player
Progressive Scan DVD Player

Progressive scan video **Resumes playback after power outage**

VIERA Connect brings you video-on-demand (VOD), catch-up TV, games, educational content, and lots more, through a wide range of apps.

Order Code	Trade	Offer
DVD-S500		

All prices exclude VAT Open Monday - Friday 08:00 – 18:00. All orders for next day delivery there is a £7.50 carriage charge. No charge for back orders. UK mainland only. Channel Islands, Northern Ireland, Eire, Isle of Man, Scottish Highlands and Islands etc. – POA. Large screens 60" and over and orders that need to be palletised will incur an additional charge – POA.

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For models not listed here, please contact **Sales** on **01253 607830**

Panasonic
ideas for life

Don't forget to order...

Labgear HDMi
GOLD PLATED HDMI LEADS AND ADAPTORS

Code	Description	Trade	Offer
HDM1.5E	1.5m HDMi		
HDM3E	3m HDMi		
HDM5E	5m HDMi		
HDM10E	10m HDMi		
HDM15E	15m HDMi		
HDM20E	20m HDMi		
HDM1.5FE	1.5m FLAT		
HDM3FE	3m FLAT		
HDM5FE	5m FLAT		
HDM1.5ES	1.5m SWIVEL		
HDM3ES	3m SWIVEL		
HDMDVA	HDMi - DVi		
HDMC	HDMi Coupler		
HDMRA	Right Angle		

B-TECH BT7523

Universal flat screen wall mount **with TILT** for screens up to 42"

B-TECH BT8200

Ultra slim universal flat screen wall mount for screens up to 45"

B-TECH BT8210

Ultra slim universal flat screen wall mount for screens up to 55"

B-TECH BT8431

Universal flat screen wall mount **with TILT** for screens up to 50"

Panasonic AS500B Series
50", 42", 39" and 32" Viera smart TV's with freeview HD

NEW FOR 2014

With the emphasis on offering great value for money, the Panasonic TX50AS500B also delivers in terms of picture quality and smart functionality.

LED PANEL WITH 100HZ BLB

Whatever you watch, it's hard not to be impressed by the quality of the Panasonic TX50-AS500B screen. This Panasonic uses a high quality LED screen to give the best possible results. Using an LED screen means that this TV isn't just slim, it also boasts a superb contrast ratio, making blacks appear deeper than ever and whites shine brightly. Also standard is 100Hz BLB (Back Light Blinking). This means that when watching action movies or sports programmes, the TX50AS500B has the speed and clarity to keep up with the action without motion blur.

HDMI – 2 **Scart – 1**
USB – 1 **Component – 1**

Order Code	Description	Brackets	Trade	Offer
TX-50AS500B	50" Smart TV	or		
TX-42AS500B	42" Smart TV	or		
TX-39AS500B	39" Smart TV	or		
TX-32AS500B	32" Smart TV	or		

Panasonic TX-24AS510B
24 inch LED Smart TV HD Ready HD Freeview HD

NEW FOR 2014

A quality, compact set, the Panasonic TX24AS510B has all the smart functionality of its bigger brothers.

HDMI – 2 **Component – 1**
USB – 1 **Scart – 1**

Order Code	Description	Brackets	Trade	Offer
TX-24AS510B	24" Smart TV	or		

Panasonic DMP-BD81EB-K
Smart Network Blu-ray Disc Player

NEW FOR 2014

Full HD 2D Playback **FLAC Compatibility**
Video on Demand in HD Quality **External HDD Playback**
High Quality Network Audio

Order Code	Description	Trade	Offer
DMP-BD81EB-K	Smart Blu-ray Player		

Panasonic DMP-BDT160EB
3D Smart Network Blu-ray Disc Player

NEW FOR 2014

Full HD 3D Playback **External HDD Playback**
Wireless Lan Ready **Home Screen Wallpaper**

Order Code	Description	Trade	Offer
DMP-BDT160EB	Smart 3D Blu-ray Player		

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The full range of B-TECH AV Mounts are available from HBL

For models not listed here, please contact **Sales** on **01253 607830**

Don't forget to order...

B-TECH AND HBL

BT8200

FLAT SCREEN WALL MOUNT (UPTO 45")

VESA Compatibility: 75mm x 75mm, 100mm x 100mm, 200mm x 100mm and 200mm x 200mm

Max Weight: 35kg (77lbs)

B-TECH AND HBL

BT8210

FLAT SCREEN WALL MOUNT (UPTO 55")

VESA Compatibility: 75 x 75, 100 x 100, 200 x 100, 200 x 200, 200 x 300, 300 x 200, 300 x 300, 400 x 200, 400 x 300, 400 x 400

Max Weight: 50kg (110lbs)

B-TECH HEAVY DUTY FLAT PANEL MOUNT UPTO 90"

BT9903

HEAVY DUTY FLAT PANEL MOUNT UPTO 90"

Designed for screens up to 130kg And fixing patterns up to 1100mm x 730mm

Order code BT9903 | trade | offer

FIXED

BT7510
BT7511

FLAT SCREEN WALL MOUNT (UPTO 23")

VESA Compatibility:

50mm x 50mm, 75mm x 75mm and 100mm x 100mm

Max. Weight: 20kg (44lbs)

Order Code	Trade	Offer
BT7510	Slim	
BT7511	Tilt	

BT8200

FLAT SCREEN WALL MOUNT (UPTO 45")

VESA Compatibility: 75mm x 75mm, 100mm x 100mm, 200mm x 100mm and 200mm x 200mm

Max Weight: 35kg (77lbs)

Order Code	Trade	Offer
BT8200		

BT8210

FLAT SCREEN WALL MOUNT (UPTO 55")

VESA Compatibility:

75 x 75, 100 x 100, 200 x 100, 200 x 200, 200 x 300, 300 x 200, 300 x 300, 400 x 200, 400 x 300, 400 x 400

Max Weight: 50kg (110lbs)

Order Code	Trade	Offer
BT8210		

BT8220

FLAT SCREEN WALL MOUNT (UPTO 65")

VESA Compatibility: 75 x 75, 100 x 100, 200 x 100, 200 x 200, 200 x 300, 300 x 200, 300 x 300, 400 x 200, 400 x 300, 400 x 400, 600 x 400, 800 x 400

Max Weight: 70kg (154lbs)

Order Code	Trade	Offer
BT8220		

TILT

BT7523

Flat Screen Wall Mount with Tilt

VESA Compatibility:

75 x 75, 100 x 100, 200 x 100, 200 x 200mm

Max weight 25kg (55lbs)

Order Code	Trade	Offer
BT7523		

BT8431

Universal Flat Screen Wall Mount

VESA Compatibility:

75 x 75, 100 x 100, 200 x 100, 200 x 200, 300 x 200, 300 x 300, 400 x 200, 400 x 300, 400 x 400mm

Max Weight: 35kg (77lbs)

Order Code	Trade	Offer
BT8431		

BT8432

Universal Flat Screen Wall Mount with Tilt

VESA Compatibility:

75 x 75, 100 x 100, 200 x 100, 200 x 200, 300 x 200, 300 x 300, 400 x 400, 600 x 400, 800 x 400

Max weight 70kg (154lbs)

Order Code	Trade	Offer
BT8432		

BT8426
BT8427

Adjustable Drop Flat Screen Ceiling Mounts with Tilt

VESA Compatibility: 75 x 75, 100 x 100, 200 x 100, 200 x 200, 200 x 300, 300 x 200, 300 x 300, 400 x 200, 400 x 300, 400 x 400 BOTH

600 x 400, 800 x 400, 800 x 500 BT8427 ONLY

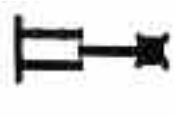
Max Weight: 40kg (88lbs) / Max Weight: 70kg (154lbs)

Order Code	Trade	Offer
BT8426	Upto 50"	
BT8427	Upto 65"	

TILT AND SWIVEL

BT7513

Double Arm Wall Mount Tilt & Swivel



VESA Compatibility:

75 x 75, 100 x 100

Max Weight: 15kg (33lbs)

Order Code	Trade	Offer
BT7513		

BT7515

Double Arm Wall Mount Tilt & Swivel

VESA Compatibility:

75 x 75, 100 x 100, 200 x 100, 200 x 200mm

Max. Weight: 25kg (55lbs)

Order Code	Trade	Offer
BT7515		

BT7535

Double Arm Wall Mount Tilt & Swivel

VESA Compatibility:

75 x 75, 100 x 100, 200 x 100, 200 x 200, 200 x 300, 300 x 200, 300 x 300, 400 x 200, 400 x 300, 400 x 400

Max Weight: 40kg (88lbs)

Order Code	Trade	Offer
BT7535		

BT8504

Large Flat Screen Display Trolley

VESA Compatibility:

75 x 75, 100 x 100, 200 x 100, 200 x 200, 300 x 200, 400 x 200, 200 x 300, 300 x 300, 400 x 400, 600 x 400

Max Weight: 70kg (154lbs)

Order Code	Trade	Offer
BT8504BLACK	Black/Black	
BT8504SILVER	Black/Silver	

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TV STANDS
WALL MOUNTS & BRACKETS

Don't forget to order...

Classik C303 Series

CLASSIK600 600x400x502
22 - 26", 50kg, 3 Shelf Unit

CLASSIK800 800x450x506
32 - 37", 70kg, 3 Shelf Unit

CLASSIK1050 1050x450x508
42 - 46", 70kg, 3 Shelf Unit

CLASSIK1200 1200x450x379
50 - 65", 70kg, 2 Shelf Unit

Code	Trade	Offer
CLASSIK600		
CLASSIK800		
CLASSIK1050		
CLASSIK1200		

C301 SERIES
Flat Panel Support, Satin Black Legs Black Glass

C301600BB	C301800BB	C3011000BB
Dimensions: 600 x 400 x 500	Dimensions: 800 x 400 x 500	Dimensions: 1000 x 400 x 500
TV Size: 22" / 32", TV	TV Size: 32" / 37", TV	TV Size: 37" / 42", TV
Weight: 50kg	Weight: 70kg	Weight: 70kg

Code	Trade	Offer
C301600BB		
C301800BB		
C3011000BB		

SYMMETRY Series
Gloss Black Legs with Black Ceramic Glass

SYM600	SYM800
600x400x498	800x400x498
22"-32" TV'S	26"-37" TV'S

Code	Trade	Offer
SYM600		
SYM800		

CLASSIK301
Corner Stand

Dimensions (mm): 800 x 400 x 480, w x d x h

To fit TV size max: 26"/37"

Support Weight: 70 (kg)

Order Code	Trade	Offer
CLASSIK301		

SC5 Beam-Through Black Glass Stand

SC5 Beam-Through Black Glass Cabinet Stand...

No blockage to remote Control Use!

Order Code	Trade	Offer
SC5		

SLx 28042R
SLx Ultra Thin Flat to Wall Mount for TV's 42" - 63"

Code	Trade	Offer
28042R		

28030R Flat-to-wall for TVs up to 32"

Code	Trade	Offer
28030R		

28032R SLx 14" - 32" TV Wall Mount with Adjustable Arm

Code	Trade	Offer
28032R		

28038R 32" - 40" TV Wall Mount, Flat to Wall, Ultra Slim

Code	Trade	Offer
28038R		

28034R SLx Tilt and Swivel Swing Arm for TV's to 32"

Code	Trade	Offer
28034R		

SLx 28035R
SLx 14" - 32" TV Wall Mount with Swivel Arm

Code	Trade	Offer
28035R		

28033R SLx Gold 14" - 32" TV Wall Mount Tilt & Swivel

Code	Trade	Offer
28033R		

28036R Multi-Position for TVs up to 32"

Code	Trade	Offer
28036R		

28040R Adjustable Tilt for TVs 32" to 40"

Code	Trade	Offer
28040R		

28049R SLx 32"-63" Ultra-Thin LED TV Mount, Flat to Wall

Code	Trade	Offer
28049R		

SLx 28047R
Multi Positional Wall Mount for TV's 32" - 50" with Dual Arm

Code	Trade	Offer
28047R		

28050R SLx Gold 32"-55" LED TV Mount, Picture Frame Style

Code	Trade	Offer
28050R		

28044R SLx 42" - 63" TV Wall Mount with Adjustable Tilt

Code	Trade	Offer
28044R		

28037R SLx Gold 14" - 32" TV Wall Mount Multi Positional with Tilt

Code	Trade	Offer
28037R		

28046R SLx Gold 32"-50" TV Wall Mount, Multi Positional

Code	Trade	Offer
28046R		

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Don't forget to order...

LG LN450B SERIES 29" HD READY EDGE LED TELEVISIONS

Order Code	Description	Trade	Offer
29LN450B	29" LED TV		
VGAHDM	VGA to HDMi Converter		

LG LA620V LED CINEMA 3D SMART TELEVISIONS

Order Code	Description	Trade	Offer
32LA620V	32" Smart 3D LED		
ANMR400	Magic Motion Remote Control		

LG SMART 3D BLU-RAY PLAYERS

LG BP730

3D Blu-ray Disc Player with Magic Remote

LG Smart TV, 3D Blu-ray Magic Remote with Voice Control

Magic Remote Included

Order Code	Trade	Offer
BP730		

PANASONIC

SC-PM200EB-S

20W Micro System

Samsung Plasma PS43F4500

43" HD Ready Plasma Television

Black Optimizer, which adjusts screen brightness so blacks appear as they should under any lighting condition, and Cinema smooth technology which minimizes motion judder for fast moving images, are just two of the intelligent features of the new Plasma Series 4 TV. Add in the unprecedented picture quality improvements created by Wide Colour Enhancer Plus and 600Hz Subfield Motion technologies, and you won't want to watch anything else.

Order Code	Description	Trade	Offer
PS43F4500	43" HD Ready Plasma TV		
VGAHDMI	VGA to HDMi Converter		

Samsung UE19F4000

19" HD Ready LED TV

Order Code	Description	Trade	Offer
UE19F4000	19" HD Ready LED TV		

Samsung UE22F5400

22" SMART Full HD TV

Order Code	Description	Trade	Offer
UE22F5400	22" SMART Full HD TV		

Samsung UE28F4000

28" HD Ready LED TV

Order Code	Description	Trade	Offer
UE28F4000	28" HD Ready LED TV		

Samsung UE32F5500

32" SMART Wi-Fi LED

Order Code	Description	Trade	Offer
UE32F5500	32" SMART Wi-Fi LED		

Samsung F6100

40" 3D Full HD LED Slim TV's

Order Code	Description	Trade	Offer
UE40F6100	3D TV		

Panasonic B6B

Widescreen Full HD 1080p LED TV's with Freeview HD

Order Code	Description	Trade	Offer
TX-L39B6B	39" LED TV		

Sharp LE351 Series

Full HD 1080p Smart EDGE LED's

Order Code	Description	Trade	Offer
LC32LE351KBK	32" BLACK TV		
ANWUD350	WiFi Dongle		

Sharp LE351 Series

Full HD 1080p Smart EDGE LED's

Order Code	Description	Trade	Offer
LC39LE351KWH	39" WHITE TV		

Cello 32" C32227FW

LED TV's with Built In DVD Player

Order Code	Description	Trade	Offer
C32227FW	32" LED TV WHITE		

All prices exclude VAT Open Monday - Friday 08:00 – 18:00. All orders for next day delivery there is a £7.50 carriage charge. No charge for back orders. UK mainland only. Channel Islands, Northern Ireland, Eire, Isle of Man, Scottish Highlands and Islands etc. – POA. Large screens 60" and over and orders that need to be palletised will incur an additional charge – POA.

SLX 4G Distribution Amplifiers

1 Way, 2 Way, 4 Way
6+1 Way and 8+1Way

4G Compatible

4G APPROVED

Auto line powering for masthead amps
Amplification gain 10.5dB on all ports
Variable Gain Control (SLx1/SLx2 only)
25mA line power on UHF (not SLx1/SLx2)

Order Code	Description	Trade	Offer
27828HSG	1-way 4G Amp		
27822HSG	2-way 4G Amp		
27820HSG	4-way 4G Amp		
27823RG	6+1-way 4G Amp		
27824RG	8+1-way 4G Amp		

SLX 4G Distribution Amplifiers

with Digital Bypass

4G Compatible

4G APPROVED

Double insulation and safety certified to the latest BS and CE standards
Short circuit protection with blue LED
6dB signal amplification

Order Code	Description	Trade	Offer
27822BMG	2-way 4G Amp		
27820BMG	4-way 4G Amp		
27823BMG	6-way 4G Amp		
27824BMG	8-way 4G Amp		

Sales 01253 607830
Tech 01253 607859
Fax 01253 607831
Web www.hblitherland.co.uk
Email sales@hblitherland.co.uk

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

TEOC110
ETHERNET OVER COAX

A new way to get broadband around your home using the MoCA® technology/standard to help you to connect devices like Smart TV's.
Easy and safe installation
Plug and Play: No network parameters to be set
Quality of Service QoS
Disruption-free HD video delivery
Professional quality and excellent performance

Code	Trade	Offer
TEOC110		

Triax Link

2x RF outputs
Terrestrial Loop Through
Built-In DC Input to power Link
Amplifiers via Link PSU
Plug and Play with Sky HD set top box default settings

Code	Trade	Offer
TRIAXLINK		
TRIAXPSU		

370228 REMOTE EYE

Easy to install

Modern design in Black only

F Connected

Code	Trade	Offer
370228		

T & K BRACKETS
(12", 18". 24" & 36")

Code		Trade	Offer
69045	12" Stand-Off (Painted)		
69046	18" Stand-Off (Painted)		
69052	24" Stand-Off (Painted)		
69045G	12" Stand-Off (Galvanized)		
69046G	18" Stand-Off (Galvanized)		
69052G	24" Stand-Off (Galvanized)		
69068G	36" Stand-Off (Galvanized)		

ICECRYPT LNB's

Code		Offer
69313	Single	
69314	Twin	
69315	Quad	
69316	Quatro	
69318	Octo	

HG10 52 Element Wideband
HG5 32 Element Wideband

Strong, Rugged Construction
Sealed F-Connector Dipole Housing
Elements: 52 Gain: 10-12 dB

4G / LTE READY

Order Code	Trade	Offer
108174	HG5	
108176	HG10	

QR12F Digital Aerial

12 Elements, 14dB Gain
F Connected
CAI Approved
Group W

4G / LTE READY

Order Code	Trade	Offer
108170		

WOLSEY Distribution Amps

Variable Gain
UHF/VHF Distribution Amps
1, 2, 4, 6, 8, 12, or 16 way
Increases TV and radio signals for distribution

4G / LTE READY

Order Code	Trade	Offer
334011	1 In 1 Out	
334012	1 In 2 Out	
334013	2 In 4 Out	
334014	2 In 6 Out	
334015	2 In 8 Out	
334016	2 In 12 Out	
334017	2 In 16 Out	

WOLSEY Masthead Kits 10-25db

10-25db Variable Gain
1, 2, 4, 6 Way versions
Complete with PSU
Fully F-Connected

4G / LTE READY

Order Code	Trade	Offer
370559	1 Way	
370560	2 Way	
370561	4 Way 0-10db	
370562	4 Way 10-25db	
370563	6 Way	

TX100 Foam Filled Cable

Black, 250m, CAI Approved
Ideal for SKY installations
Ideal for long cable runs

Order Code	Trade	Offer
370751	BLACK	
370755	WHITE	

108024W 10 Element contractor aerial

10 Element contractor aerial
ideal for strong signal areas
compact design

Order Code	Trade	Offer
108024W WB		
108020 A		

Tri-Link Kit
Multi-Room Control

The New Triax Tri-Link kit solves the issue of distributing Freesat, Freeview and SKY around the home, with the ability to view and control all STB's on existing analogue sets

Order Code	Trade	Offer
370407		

QR10 10 Element Digital Aerial

F Connected • 10 Elements
12dB Gain • Group W

Order Code	Trade	Offer
108044WBAG		

370692/3
1 Way/2 Way 0-10dB Masthead Amplifier

Complete with PSU Fully F Connected

Order Code	Trade	Offer
370692 1 Way		
370693 2 Way		

WOLSEY Distribution Amps with digital bypass

Variable Gain
with digital bypass

Order Code	Trade	Offer
334021	1 In 2 Out	
334022	2 In 4 Out	
334023	2 In 6 Out	
334024	2 In 8 Out	
334025	2 In 12 Out	
334026	2 In 16 Out	

370553
1 Way 10-25 dB Masthead Amplifier

Complete with PSU Fully F Connected

Order Code	Trade	Offer
370553 1 Way		

Digi-Dishes 54cm - 110cm

FreqRange 10,7-12,75 GHz
X-Polarisation >27dB
Offset Angle 26 degrees

Order Code	Trade	Offer
122501	54cm	
122601	64cm	
122701	78cm	
122801	88cm	
122901	110cm	

SKY / SKY+ DDU

Domestic distribution for the home environment
DDU distributes UHF, FM, DAB, Sky/Sky+ and CCTV to the main TV

Order Code	Trade	Offer
333112		

HDS110 F-T-A Satellite HD/SD

HDMI and SCART Outputs, Dolby Digital Plus
PVR Ready - Record, Pause and Rewind Live TV, via an external HDD
Playback Movies, Music and Photos via, ext HDD

Order Code	Trade	Offer
HDS110		

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NEW 4G Range from Philex

Remove TV interference and channel loss caused by 4G mobile phone signals

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

4G LTE Facts and Solutions

From summer 2013, 4G, that enables super-fast mobile internet, is arriving in the UK at a new frequency: 800 MHz. While 4G benefits the UK by giving us access to next generation mobile internet services, there is a chance that 4G at 800 MHz june also disrupt some people's existing Freeview service. Satellite and cable TV services are not expected to be affected.

As 4G arrives, some services will run on the 800 MHz spectrum band, which is close to the frequency used by certain Freeview services. Because of this proximity, viewers who watch Freeview but live close to a new 4G mast, could experience interference.

Symptoms for those affected might include a loss if sound, blocky or pixelated images or loss of some or all channels. Only those who watch TV channels on Freeview are expected to be affected; you are unlikely to experience any interference if you watch cable or satellite TV.

HBL supply approved filters for households whose Freeview services are most likely to be affected by 4G at 800 MHz. If these households watch Freeview on other TVs in their property, they june need additional filters.

HBL also supply a full range of aerials and amplifiers with built in 4G filters.

4G mast activation is imminent in the following areas:

London and areas around the M25, including Slough, St Albans, Guildford.

Birmingham

Bradford

Brighton

Coventry

Edinburgh

Glasgow and Paisley

Leeds and Bradford

Leicester

Manchester

Merseyside

Newbury

Newcastle upon Tyne

Nottingham

Sheffield

Areas and towns in Surrey, West Sussex, East Sussex and Kent

York

SLx 4G Ready Aerial Amps - Coax

SLx Gold 2, 4, 6 or 8 Output Distribution Amps

4G Compatible

4G APPROVED

Designed to increase and distribute TV and FM aerial signals to up to 4 devices
Integrated 4G filter removes interference and channel loss from your TV caused by 4G mobile phone signals
Can also be used to distribute the signal from a satellite/freeview receiver

Order Code	Description	Trade	Offer
28102HSG	2-way 4G Amp		
28103HSG	4-way 4G Amp		
28104RG	6-way 4G Amp		
28105RG	8-way 4G Amp		

SLx 4G Ready Aerial Amps - F Conn

SLx Gold 4, 6 or 8 Output Satellite Distribution Amps

4G Compatible

4G APPROVED

Designed to increase & distribute the signal from a digital satellite receiver to up to 6 TV's from 1 aerial
Integrated 4G filter removes interference and channel loss from your TV caused by 4G mobile phone signals
Distribute TV aerial output to up to six TV's without signal loss. Digital satellite compatible by-pass allows amplifier to work with Digi-eye extenders such as the SLx Link & SLx Omni-Link system

Order Code	Description	Trade	Offer
28103FG	4-way 4G Amp		
28104FG	6-way 4G Amp		
28105FG	8-way 4G Amp		

SLX 4G Distribution Amplifiers

1 Way, 2 Way, 4 Way 6+1 Way and 8+1Way

4G Compatible

4G APPROVED

Auto line powering for masthead amps
Amplification gain 10.5dB on all ports
Variable Gain Control (SLx1/SLx2 only)
25mA line power on UHF (not SLx1/SLx2)

Order Code	Description	Trade	Offer
27828HSG	1-way 4G Amp		
27822HSG	2-way 4G Amp		
27820HSG	4-way 4G Amp		
27823RG	6+1-way 4G Amp		
27824RG	8+1-way 4G Amp		

SLX 4G Distribution Amplifiers with Digital Bypass

4G Compatible

4G APPROVED

Double insulation and safety certified to the latest BS and CE standards
Short circuit protection with blue LED
6dB signal amplification

Order Code	Description	Trade	Offer
27822BMG	2-way 4G Amp		
27820BMG	4-way 4G Amp		
27823BMG	6-way 4G Amp		
27824BMG	8-way 4G Amp		

SLx 4G Ready Aerial Amplifiers

SLx 2 or 4 Outlet Compact Aerial Distribution Amplifiers

4G Compatible

4G APPROVED

Designed to increase and distribute TV and FM aerial signals to up to 4 devices
Integrated 4G filter removes interference and channel loss from your TV caused by 4G mobile phone signals
Boosts signals even in poor reception areas
Can also be used to distribute the signal from a satellite/freeview receiver
Fully compatible with Sky/Sky+ & Digi-Eye/Digi-Link remote control extender systems

Order Code	Description	Trade	Offer
27857FG	2-way 4G Amp		
27858FG	4-way 4G Amp		

27887K4 4G Ready Outdoor Aerial

SLx 4G 32 Element Digital TV Aerial Kit

4G Compatible

4G APPROVED

32 Element, wideband UHF digital aerial with fixing kit
Medium gain - suitable for moderate signal areas
Integrated 4G filter removes interference and channel loss from your TV caused by 4G mobile phone signals
Receives all locally available digital TV signals
Suitable for outdoor or loft installation. Fixing kit included

Order Code	Description	Trade	Offer
27887K4	4G Aerial Kit		

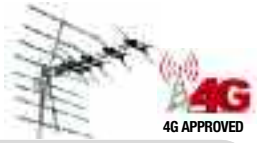
27880D4 10 Element Wideband

4G APPROVED

4G Compatible
Receives both digital and analogue TV signals
Suited for strong signal strength areas

Order Code	Trade	Offer
27880D4		

27887D4 32 Element Wideband



4G APPROVED

4G Compatible
Receives all locally available digital & analogue TV
Outdoor or loft installation. Ideal for FREEVIEW reception
Suitable for weak, moderate and strong signal areas

Order Code	Trade	Offer
27887D4		

27884D4 48 Element Wideband

4G APPROVED

4G Compatible
Receives all locally available digital and analogue terrestrial TV signals. Ideal for FREEVIEW reception
Suitable for weak, moderate and strong signal areas

Order Code	Trade	Offer
27884D4		

High Performance 4G Indoor Digital TV Aerial

4G APPROVED

4G Compatible
Analogue and digital TV / Radio signals
Fully adjustable, rotating elements
Adjustable VHF Antennae
Ideal for FM reception on Hi-Fi systems

Order Code	Trade	Offer
27769RG 4G Indoor Aerial		

4G 1 way, 2 way and 4 way TV Signal Boosters

4G APPROVED

4G Compatible
Compact Signal Booter Amplifiers
Compact unit with separate power adaptor, 18dB gain

Order Code		Trade	Offer
27811HSG	1-way 4G		
27812HSG	2-way 4G		
27813HSG	4-way 4G		
27814HSG	6-way 4G		

4G Filter Plus Coaxial Lead for TV

4G APPROVED

4G Compatible
Removes TV interference and channel loss caused by 4G mobile phone signals Simply plugs in between the aerial and TV or set top box Coax connectors
No power required

Order Code	Trade	Offer
19165R 4G Filter		

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CABLES AND BRACKETRY

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

Installation Accessories

Code	Description	Trade	Offer
69177	Screw On F Connector		
69178	Zinc F Connector		
FPC100	Crimp On Plugs CT100		
FPC125	Crimp On Plugs CT125		
FPC165	Crimp On Plugs CT165		
FCFF	F Coupler Skt - Skt		
FCMM	F Coupler Plug - Plug		
CM9101	75 ohm F Terminator		
69057	Coax Coupler Plastic		
19100B	Brass Coax Plug		
69063	Screw On Coax Plug		
19065R	Adaptor - F Skt - Coax Skt		
19067R	Adaptor - F Plug - Coax Skt		
19068HS	Adaptor - F Plug - Coax Plug		
F399D	Adaptor - F Skt - Coax Plug		
19072R	BNC Plug - F Socket		
19082R	F Skt - Phono Plug		
LCXA	High Quality Coax Plug		
69058	Plastic Y Splitter		
69159	7mm Clips BLACK		
69160	7mm Clips BROWN		
69161	7mm Clips WHITE		
69156	13mm Clips BLACK		
69156W	13mm Clips WHITE		

DCH253M2
18V SDS 3 Mode Rotary Hammer Kit

Includes x2 Batteries

SHOCKS™- Active Vibration Control significantly reduces vibration and increases user comfort and productivity, A Perform and Protect Feature 1.7 ft-lbs impact energy provides corded power without the cord

Code	Trade	Offer
DCH253M2		

RG6 64 Strand Foam Filled 100m Satellite Cable

Copperbraid & aluminium foil
64 strand copper braid
Conductor: 1 x 1 1.0mm
Outer Diameter: 6.5mm
Foam filled

Code		Trade	Offer
69203	Black		
69203A	White		
69203BR	Brown		

RG6 64 Strand Foam Filled 250m Satellite Cable

Copperbraid & aluminium foil
64 strand copper braid
Conductor: 1 x 1 1.0mm
Outer Diameter: 6.5mm
Foam filled

Code		Trade	Offer
27615R	Black		
27615W	White		
27615BR	Brown		

27638R
5x PF100 Coax Cable
with copper braid, copper shield and foam dielectic

Each cable: 1mm solid copper conductor
Each cable: 8 x .12mm bare copper braid
Foam dielectric, Copper foil shielding, PVC Sheath
Diameter 23mm, Attenuation @ 1MHz = 2.77dB, 75 Ohm

Code	Trade	Offer
27638R		

PF100A CAI Approved Cable

Ideal for installations where the cablemust be durable. 64 strands of bare copper as opposed to 4 with other brands.

Code		Trade	Offer
27660R	Black 100m		
27660W	White 100m		
27660B	Brown 100m		
27661R	Black 250m		
27661W	White 250m		
27661B	Brown 250m		

RG6 64 Strand Satellite Cable

Aluminium braid & aluminium foil
75 Impedance
64 strand aluminium braid
Conductor: 1x1 1.0mm
Screen: tape and braid
Outer Diameter - 6.5mm

Order Code		Trade	Offer
27600AL	100m Black		
27600ALW	100m White		
27615AL	250m Black		
27615ALW	250m White		

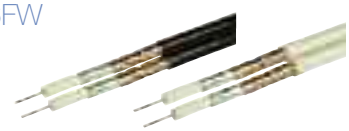
TWIN Satellite Cable 100m Drums

NEW

IDEAL FOR SKY+ APPLICATIONS
Twin 100m Satellite Cable for Sky+ Applications

Order Code		Trade	Offer
27645R	100m Black		
27645w	100m white		
19097R	F Plug		
69151	White Clip, x100		
69152	Black Clip, x100		

27616F / 27616FW
Black / White RG6 Coax Cable 125m



1mm solid copper conductor — **Overall diameter 6.4mm**
64 x .12mm bare copper braid — **Aluminium foil shielding**

Order Code	Description	Trade	Offer
27616F	BLACK 125m RG6 Shotgun		
27616FW	WHITE 125m RG6 Shotgun		

27643R
Compact Shotgun Coax Cable

0.65mm bare copper conductor — **Black & White PVC Sheath**
96 x .12mm tinned copper braid — **Overall diameter 9.6mm x 4.8mm**

Order Code	Description	Trade	Offer
27643R	Black/White 100m Shotgun		
27644R	Black/White 250m Shotgun		

Blake UK Lashing / Repair Kit and Chimney Bracket (Pressed)

1 x pressed chimney bracket (NOT INC IN 69050 Kit)
1x small lashing wire , 2x 1.5" U bolts,
3x corner plates, 1x J bolt

Order Code		Trade	Offer
69048	FULL Kit		
69050	REPAIR Kit		
69037	Pressed Bracket		

Blake UK Straight/Cranked Masts

The straight and cranked masts are 3'-5'-6' lengths of tubing and will be shorter than the stated height when cranked.

Size	Guage	Metal	CODE	Trade	Offer
10' x 1.5"	16	ALU	69006		
10' x 1.5"	18	STEEL	69007		
6' x 1.25"	18	ALU	69015		
6' x 1.25"		STEEL	69000		
6' x 1.25 CRANK"	18	ALU	69016		
6' x 1"	18	ALU	69004		
6' x 1"	20	STEEL	69005		
5' x 1"	18	ALU	69003		
5' x 1" CRANK	18	ALU	69002		
3' x 1" CRANK	18	ALU	69001		
3' x 1" L-MAST	18	ALU	69067		

Blake UK Cradle Brackets

69042A - 8" (Painted)
69042AG - 8" (Galvanised)
69042 - 13" (Painted)
69042G - 13" (Galvanised)
CB8/G- 18" (Galvanised)

Order Code		Trade	Offer
69042A	8" (Painted)		
69042AG	8" (Galvanised)		
69042	13" (Painted)		
69042G	13" (Galvanised)		
CB8G	18" (Galvanised)		
69031	V Bolt 1.5 inch		
69032	V Bolt 2 inch		

Blake UK Wall Brackets, PAINTED

WB20 - 6" x 6" (painted)
WB21 - 6" x 9" (painted)
WB22 - 9" x 9" (painted)
WB23 - 12" x 12" (painted)
WB24 - 12" x 18" (painted)

Order Code	Description	Trade	Offer
WB20	6" x 6" (painted)		
WB21	6" x 9" (painted)		
WB22	9" x 9" (painted)		
WB23	12" x 12" (painted)		
WB24	12" x 18" (painted)		

Blake UK Wall Brackets, GALVANISED

WB20 - 6" x 6" (galvanised)
WB21 - 6" x 9" (galvanised)
WB22 - 9" x 9" ((galvanised)
WB23 - 12" x 12" (galvanised)
WB24 - 12" x 18" (galvanised)

Order Code	Description	Trade	Offer
WB20G	6" x 6" (galvanized)		
WB21G	6" x 9" (galvanized)		
WB22G	9" x 9" (galvanized)	£4.70	
WB23G	12" x 12" (galvanized)	£6.70	
WB24G	12" x 18" (galvanized)	£8.95	

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Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

New Range of Tools & Accessories

Please visit our website for specs & images

Code	Description	Offer
ATK01	Compression Termination Kit	
ATR001	Krone Tool	
ATR047	16oz Fibre Glass Claw Hammer	
ATR108	8" Adjustable Wrench	
ATR109	LAN Cable Tester	
ATR1013	Reversible Ratchet Offset Wrench 10mm & 13mm	
ATR10	10mm Reversible Gear Wrench	
ATR13	13mm Reversible Gear Wrench	
ATR15	15mm Reversible Gear Wrench	
ATR184	Heavy Duty Coax Cutter	
ATR206	Coax Cable Cutter with Safe Guard	
ATR221	Utility Knife Zinc	
ATR224E	F Connector Insertion Tool	
ATR322	3 Blade Rotary Cable Stripper	
ATR332	2 Blade Rotary Cable Stripper	
ATR6213/8	Quick Release Ratchet Wrench	
ATR503	3/8 75mm Extension	
ATR506	3/8 150mm Extension	
ATR510D	3/8 Deep Socket 10mm	
ATR513D	3/8 Deep Socket 13mm	
ATR515D	3/8 Deep Socket 15mm	
ATR510S	3/8 Standard Socket 10mm	
ATR513S	3/8 Standard Socket 13mm	
ATR515S	3/8 Standard Socket 15mm	
ATR568	RJ11/RJ12/RJ45 Ratchet Crimp tool inc Stripper & Cutter	
ATR08	Replacement Blades for ATR568	
ATR611	Quality Side Cutter	
ATR612	Quality Long Nose Plier	
ATR615	Quality Linemans Plier	
ATR42	Philips Screwdriver	
ATR04B	Slotted Screwdriver	

Antiference

RX Series Wideband Aerials

Unique Trumatch impedance matched dipole
Tuned reflector
Lightweight, durable construction
4G/LTE Ready 21 -60

Order Code	Trade	Offer
RX12TP	12 Element	
RX20TP	20 Element	

TCX Series Wideband Aerials

High Performance XG Dipole
Trumatch Balun for better reception
TCX10EW - 10 Element, TCX18EW - 18 Element

Order Code	Trade	Offer
TCX10EW		
TCX18EW		

XG Series High Gain Wideband

New improved 4 bar reflector
Impedence matched balun
XG10EW - 10 Element, XG5WB - 5 Element

Order Code	Trade	Offer
XG5WB		
XG10T		

LP20F 'Mini' UHF Log Periodic

F-Connector for ease of fitting
Medium gain, flat response across the full wideband
Highly directional with narrow acceptance angle
Ideal for wideband Freeview

Order Code	Trade	Offer
LP20F	Mini Log	
LP28F	Log	

DAB2301/4 DAB and DAB/FM

DAB2301 omni-directional for primary reception areas
DAB2304 is a directional aerial for fringe areas
FMDAB is an FM/DAB Combi Aerial

Order Code	Trade	Offer
DAB2301	Omni-Dir	
DAB2304	Dir	
FMDAB	FM/DAB	

OUTLET PLATES

Order Code	Description	Trade	Offer
SW700	Single Screened Coaxial IEC		
SW730	Single Screened F-Connector		
SW735	Double Outlet (Satellite x 2)		
SW710UV	Diplexed VHF/TV DC pass UHF		
SW710US	Diplexed Screened TV/SAT		
SW740	Triplexed FM/DAB/UHF/SAT		
SW750	Quad FM/DAB/UHF/SAT/SAT2		
SWRT740	Triplexed Return/Phone		
SWRT750	Quadpxd Return/Phone		

ME200BK Remote Eye for SKY

Smaller, compact Remote Eye
Compatible with Antiference Remote Link
Amplifiers and SKY Digital satellite receivers
Easy to install

Order Code	Trade	Offer
ME200BK		

HDMI Matrix 2/4 Input Switches

HDMI switch allowing any of the HDMI inputs to be switched independently to any of the outs
Smart Desk or Wall Mounting
Dolby HD digital audio

Order Code	Trade	Offer
HDMI0204M	2 In/4 Out	
HDMI0404M	4 In/4 Out	

MS Series Masthead Splitters

MS02 - 2 Way Masthead Splitter F Connector
MS03 - 3 Way Masthead Splitter F Connector
MS04 - 4 Way Masthead Splitter F Connector
MS06 - 6 Way Masthead Splitter F Connector
MS08 - 8 Way Masthead Splitter F Connector

Order Code	Trade	Offer
MS02 LTE	2 Way	
MS03 LTE	3 Way	
MS04 LTE	4 Way	
MS06 LTE	6 Way	
MS08 LTE	8 Way	

MHK Series Masthead Amplifiers

Complete with PSU

	In's	Out's	Freq Rng	Gain	Noise max	Max out	Power
MHK1	1	1	470-790MHz	1-20dB	>2.5dB	102dB	40mA
MHK2	1	2	470-790MHz	1-20dB	>2.5dB	94dB	40mA
MHK4	1	4	470-790MHz	1-20dB	>2.5dB	94dB	40mA
MHK6	1	6	470-790MHz	1-20dB	>2.5dB	94dB	40mA
MHK8	1	8	470-790MHz	1-20dB	>2.5dB	94dB	40mA

Order Code	Trade	Offer
MHK1 LTE	1 Way	
MHK2 LTE	2 Way	
MHK4 LTE	4 Way	
MHK6 LTE	6 Way	
MHK8 LTE	8 Way	
P1200	PSU	

RemoteLink Distribution Amps

Mains Powered, Easy Install
Can be used for normal signal distribution or with remote eyes for remote channel changing on your Sky Digibox

Order Code	Trade	Offer
A120DLTE	2 Way RemoteLink Amp	
A240DLTE	2 In/ 4 Out RemoteLink Amp	
A260DLTE	2 In/ 6 Out RemoteLink Amp	
A280DLTE	2 In/ 8 Out RemoteLink Amp	
A2120DLTE	2 In/ 12 Out RemoteLink Amp	
A2160DLTE	2 In/ 16 Out RemoteLink Amp	

Masthead Variable Gain Amp Kit

Variable gain control
UXFR1 (1-25dB)
UXFR2/4/5 (1-20dB)
F-Connections
Fully Screened
"12v ON" LED indicator

Order Code	Trade	Offer
UXFR1 LTE	1 Way	
UXFR2/20 LTE	2 Way	
UXFR4/20 LTE	4 Way	
UXFR5/20 LTE	5 Way	

Masthead Combiner / Splitters

A choice of F-Connectors or saddle & clamp fittings
Fully screened on UCF2000 and UCF3000
Can be used in reverse to combine 2 aerials or sources from the same frequency

Order Code	Trade	Offer
UCF2000	2 Way / F Con	
UCF3000	3 Way / F Con	
UCF4000	4 Way / F Con	

AS Series Indoor Splitters

	Range	Insertion loss	Return Loss
AS02	5-2400MHz	<6dB	<8dB
AS03	5-2400MHz	<11dB	<8dB
AS04	5-2400MHz	<11.5dB	<8dB
AS06	5-2400MHz	<16dB	<8dB
AS08	5-2400MHz	<17dB	<8dB

Order Code	Trade	Offer
AS02	2 Way	
AS03	3 Way	
AS04	4 Way	
AS06	6 Way	
AS08	8 Way	

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Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

New Ultimate Matrix Box
UL- 4MTX4

- Each output has an HDMI socket and an HDBT RJ45 socket which gives you the choice of a local HDMI lead connection or a more distant HDBT connection, both sockets can also be used simultaneously if required
- Supports full 1080p 3D HD equipment and 7.1 channel digital surround sound
- IR back channel allows control of AV sources from all display locations using IR sensors and transmitters
- Software supplied allows full control of the Matrix using a PC or laptop
- Advanced EDID mangement allows rapid integration of sources and displays
- Supports full 1080P 3D receivers, players and displays and Blu-ray™ 1080P 24/50/60fps
- Supports DTS-HD/Dolby true-HD/LPCM7.1/Dolby AC3/DTS/DSD audio formats
- Dimensions: Switching unit 428 x 245 x 43mm

Code	Trade	Offer
UL-4MTX4		
UL-MTX-RCV		

Labgear MOD111
UHF Mini RF Moulator

Loop through
LED digital display
RF output level control
Displayed channel selection, Channels 21 to 69

Code	Trade	Offer
MOD111		

Labgear

HDMi Splitters — HDMI 2 way, 4 way and 8 way Splitters

Supports: Dual stream 1080p 3D receivers and displays
Full 1080p HD, IR switching
36bit Deep Colour (RGB/YCbCr) & xvYCC color space

3D compatible splitters allowing the transmission of HDM CAT6 full HD 1080p signals with cable lengths up to 20m to input and up to 15m from output without signal loss. Precision engineered metal housing

Order Code	Trade	Offer
HDM2SP2	2 Way	
HDM4SP2	4 Way	
HDM8SP2	8 Way	

HDMCAT6 HDMi Extenders

For transmission of full HD 1080p signals over twin CAT5E or CAT6 cables as far as 50m
Transmitter 1 HDMI to 2x RJ45 sockets,
Receiver 2x RJ45 to 1 HDMI display output

Order Code	Trade	Offer
HDMCAT6S	1 Cable	
HDMCAT6	2 Cable	

LABGT12 Digital Wideband Aerial

Gain : 12dBi
F connection
Easy Assembly
Compact design

Order Code	Trade	Offer
LABGT12		

LABLPC 20 Element Log Periodic

8dBi Gain, Front/Back ratio 20dB
Very discrete only 40cm long
Ideal for Home, Caravan, Motorhome, Boat etc
No assembly. Inc with F connector and weather boot

Order Code	Trade	Offer
LABLPC		

LABGEAR Omni directional DAB antenna

Band 174-240MHz. 1 element, electronic 75Ohm balun. F-type connection and 360° acceptance angle.
Bandwidth: 174-240MHz · Electronic 75Ω Balun
Connection: F Type · 1 Element

Order Code	Trade	Offer
LABDABO		

LMC UHF/VHF Combiner / Splitters

4G / LTE READY

2 WAY or 4 WAY UNITS AVAILABLE
5-1000 MHz
3.7dB insertion loss, 75Ω impedance
Power passes on both directions

Order Code	Trade	Offer
LMCS102	2 Way	
LMCS104	4 Way	

WB0S 2/4 Way Outdoor Splitters

WBOS2F 2 Way / WBOS4F 4 Way Splitters
Frequency 5 – 2400Mhz
Mast or Screw Fitting, F Connections
Ideal for Outdoor Installation

Order Code	Trade	Offer
WB0S2F	2 Way	
WB0S4F	4 Way	

KIT Masthead Amp / PSU Kits

Masthead Amp and PSU Kits

4G / LTE READY

1 Input, 1 Out UHF Amps (470-862MHz) (KIT 125V)
Gain 16dB Typical, NF 1.5dB typical (2dB max) (KIT 415V)

Order Code	Trade	Offer
KIT125V	1 Way/PSU	
KIT415V	4 Way/PSU	

27866R Terrestrial Digital Meter

TV Signal Strength Finder, Digital & Analogue
Plug in lead from aerial into the Antenna socket
Built in amplifier compensates insertion loss
Pocket size and lightweight

Order Code	Trade	Offer
27866R		

LDU Home Distribution Units

4G / LTE READY

These Home Distribution Units have evolved to incorporate all the features that are required. Each version has the capability to combine satellite; FM, DAB, UHF and CCTV on to a single drop cable, with the addition of the facility for SKY+.

Order Code	Trade	Offer
LDU604G	4 Way	
LDU608G	8 Way	

LMA Variable Gain Masthead Amps

4G / LTE READY

Variable gain can be adjusted from in-doors
Industry leading Noise figure performance
Filtered -470 Mhz to remove out of band interference
PUH141 the 4 way can be powered from any leg

Order Code	Trade	Offer
LMA125V	1 Way	
LMA415V	4 Way	
PSUF	PSU	

LDL 2 / 4 Way Digital Amplifiers

4G / LTE READY

Powered either from a satellite receiver's RF2
9VDC output supply or a separate 12VDC PSU
Powers all IR receivers 9V 15mA per outlet max
Can be used with MRX120 distribution systems

Order Code	Trade	Offer
LDL102R	2 Way	
LDL104R	4 Way	

F4GC/GF/GO 4G filters

F4GC: In-line 4G filter with coax connections and plastic body
F4GF : In-line 4G filter with F connections and die cast metal
F4GO: 4G filter with weatherproof housing for outside use, ideal for masthead mounting

Order Code	Trade	Offer
F4GC Coax		
F4GF F Conn		
F4GO Masthead		
F4GA Approved		

MRX955 Compact Remote Eye

New Compact remote eye
Ideal for LCD, Plasma TVs, Includes adhesive pad
Compatible with all satellite receivers
with 9V RF2 output

Order Code	Trade	Offer
MRX955		

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Don't forget to order...

RECEIVERS AERIAL & SATELLITE

Global IO LINK
ADD RF2 to your SKY Mini Box

The iO-LINK creates a tvLINK enabled RF output for new SkyHD set top boxes with no RF2 output. Once installed the iO-LINK can be connected to a in home distribution system for viewing at multiple TV locations. For the control from distributed TV's a tvLINK (F101248) would need to be plugged inline at each TV point.

Code		Trade	Offer
IOLINK			

SKY DIGITAL
TV REMOTE CONTROLS

Code		Trade	Offer
REM2963	SKY remote		
SKY+RC	SKY+ remote		
SKYHDRC	SKY HD remote		
SKYTV	SKY HD 1TB REV9		

Digi-Dish Packages
44cm Dish and LNB Packs

Freq: 10.5 - 12.75 GHz
Minimum gain
10.70 GHz: 32.3dBi
12.75 GHz: 33.7dBi
Measured beamwidth
10.70 GHz: 3.7°
12.75 GHz: 3.2°

Code		Trade	Offer
124007	44cm Digi-Dish		
124004	44cm Dish / QUAD		
124006	44cm Dish / OCTO		
124028	60cm dish /quad		

SKY LNB's

A full range of LNB's designed for use with Sky Digi Dishes, totally weatherproof sealed, to withstand all types of outdoor conditions, are available

Code	Trade	Offer
SKYQUAD		
SKYOCTO		

Goodmans GDB20

NEW

Goodmans Smart Talk Freeview Digital Set Top Box with Talking Feature

Talking 7 day electronic programme guide
Talking on-screen help and menus
State-of-the-art speech technology
One-touch Audio Description and subtitles
2 x Scart Sockets

Order Code	Trade	Offer
GDB20		

Humax HB-1000S
Freesat Receiver with <free time>

NEW

Freesat+ with <free time>
EPG
8 Days Forward 7 Days Backward
Recording With Additional Plug in HDD

Order Code	Trade	Offer
HB1000S		

T2300
IceCrypt FreeView HD Box

Digital FREEVIEW HD Receiver
Free HD channels from BBC, ITV & channel 4
Up to 50 Digital TV channels & 24 radio stations
USB Port for File Playback (MP3, JPEG, XViD)

Order Code	Description	Trade	Offer
T2300	IceCrypt FreeView HD Box		

Icecrypt S1600CHD
Linux Based Satellite box

Embedded Conax Card Reader
Up to 8,000 Channels Supported (TV & Radio)
Small size - Mount on the back of a TV (IR Sensor required - available separately)
Two High Speed USB Ports (Side and Rear)
MP3 Playback from USB Device

Order Code	Trade	Offer
S1600CHD		

HDSR260 Labgear
Free-to-Air USB PVR

Ideal for receiving HD free to air / foreign channels from a satellite dish
Can record received channels to external drive connected to the USB 2.0
DVB-S2 Receiver, SD and HD DVB-S2/S compliant
Supports Full HD 1080p on media playback

Order Code	Description	Trade	Offer
HDSR260	FTA USB PVR		

Manhattan Plaza UPM
Standard Definition Satellite Box

USB PVR Ready
One Multicrypt card reader
UHF RF Modulator CH21-69
Picture in Picture and Scart socket

Order Code	Trade	Offer
UPM		

Manhattan Plaza XT.CM
Standard Definition Satellite Box

One Common Interface CI
One Multicrypt card reader
UHF RF Modulator CH21-69
Two scart sockets

Order Code	Trade	Offer
XTCM		

Manhattan Plaza HDS2
HD Digital FreeSat Receiver

Subscription Free TV in HD, 150+channels
8-Day on-screen Programme Guide
On Demand TV with BBC iPlayer & ITV Player
Auto scan of non-freesat channels
Resolutions: 576i, 576p, 720p, 1080i, 1080p

Order Code	Trade	Offer
HDS2		

HDRS HD Freesat+ Recorder

320GB Hard Disk records up to 200 hours,
Whisper quiet,
ultra-compact fan-less design
8-day Programme Guide with Series Link
Record two channels at the same time
Pause & rewind live TV

Order Code	Trade	Offer
HDRS		

HDR-FOX T2-500GB
Freeview HD T2 PVR 500GB

1080p Upscaling. Twin Tuner Freeview+HD Terrestrial PVR.
500Gb HDD allowing you to record 300 hours SD / 125 hours HD.
Record 2 channels while playing back a recording.
HDMI output (1080p, 1080i, 720p, 576p, 576i)

Order Code	Description	Trade	Offer
T2-500GB	FreeView T2 PVR 500GB		

HDT2
Plaza HD Freeview Receiver

NEW

HDMI · Antenna In & Out
SCART · Coaxial S/PDIF
Ethernet · USB
L/R Audio · Composite Video

Order Code	Trade	Offer
HDT2		

SLINGBOX
WATCH TV ANYWHERE

Watch your TV on your Smartphone or Tablet. REALLY!

Extend your living room TV experience to your smartphone or tablet with SlingPlayer Mobile software. With a Slingbox at home and SlingPlayer Mobile on your compatible mobile device, enjoy live or recorded TV over a 3G, 4G or Wi-Fi connection. If you like TV, it's hard not to smile when you take control of your TV and DVR from your smartphone or tablet.

It's your TV. Don't let it be trapped in your living room. Set it free!

Order Code	Description	Trade	Offer
SLINGBOX	SD Sling Box		

HDR1000S
Humax Freetime+ PVR

Freesat HD+ 1TB PVR, 500GB Model also available
Free Time Roll Backwards EPG,
SD Channels Upscaling
500hrs SD or 250hrs HD Recording (1TB)

Order Code	Description	Trade	Offer
HDR1000S	Humax Freetime+ PVR 1TB		
HDR1000S/500	Humax Freetime+ PVR 500GB		

PrimaSat / SRT6205/SRT7002
Digital Satellite Boxes

For digital Free-To-Air TV and Radio programmes
UHF Modulator to connect to TV with coaxial cable and/or to loop through terrestrial antenna signals
Unmodulated PRIMASAT
Modulated SRT6205

Order Code	Description	Trade	Offer
PRIMASAT	Unmodulated		
SRT6205	Modulated		
SRT7002	HD Satellite Box		

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CCTV AND PA EQUIPMENT

CCTV AND SECURITY CLEARANCE

code	Description	Qty	Was	Now
DNF450	DENON 1U USB & SD CARD AUDIO RECORDER	1		
STSK001LB	CONTACTA SPECH TRANSFER SYSTEM IN BLACK	1		
PMD620	MARANTZ SD CARD PORTABLE RECORDER	3		
SEWS180RWSF-A	SAPPHIRE 1.8M 16:9 ELECTRIC SCREEN	1		
268-545-000	VAN DAMME SPEAKER CABLE 2x4.00MM	1		
268-502-000	VAN DAMME SHOTGUN AUDIO CABLE (100M)	4		
268-032-020	VAN DAMME PRO-PATCH CABLE RED (100M)	4		
268-019-060	VAN DAMME PRO-PATCH CABLE BLUE (100M)	4		
268-005-000	VAN DAMME PRO-PATCH CABLE BLACK (100M)	4		
PG24UK/PG58	SHURE HANDHELD MICROPHONE SYSTEM	1		
OT4240	INTER-M TRANSFORMER UNIT FOR QD4240	1		
SEWS200RV-A/REP	PROJECTER SCREEN (NO PLUG)	2		
170.935	CITRONIC STEREO COMPRESSOR LIMITER	2		
TU100	PULSE AM/FM TUNER –RACK MOUNTABLE	9		
268-006-000	VAN DAMME PRO PATCH CABLE 100M	10		
C3SE	CLOCK AUDIO IVORY SUSPENSION MIC	4		
MULTICAN	AUS 4 CHANNEL HEADPHONE AMP	4		
1680018	COMPACT AMPLIFIER WITH MIC INPUT	1		
STUDIO50AB	WORK ACTIVE 2 x 40W SPEAKERS (BLACK) PAIR	4		
CASEL02M100	COVERT CAMERA CABLE 100M DRUM	5		
1680018/REP	COMPACT AMPLIFIER (EX RETURNS)	1		
M230X	NEC 2300 SVGA PROJECTOR	3		
MBWT3	TOA RACK KIT FOR 1 RCVR	4		
MIC-K	DYNAMIC MIC OMNI DIRECTIONAL	4		
AC1392	20M NEUTRIK SPEAKON TO M-XLR PLUG	11		
AV13297	SPEAKON DOUBLE WALL OUTLET	12		
EVQ1000	TWIN OUTPUT HIGH RES CAMERA (No Lens)	4		
RC30	30W 8 OHM MUSIC POWER SPEAKER (PAIR)	29		
AD804	4 CHANNEL PASSIVE VIDEO BALUN	3		
SPIDEREX	CCTV SPIDER REPELLANT	166		
70585RE	PHILEX 20M CAT5 PATCH CABLE	460		
XLI3500	CROWN 1000W PER CHANEL AMP	1		
LABPL4	LABGEAR 4 WAY POWER SPLITTER	370		
CL38	2 PHONO PLGS-2 PHONO PLGS 1.2M	10		
19012R	6.3MM ST JACK TO 3.5MM ST SKT	155		

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Code	Trade	Offer
HB1.8M43		
HB2.0M43		
HB2.4M43		
HB1.8M169		
HB2.0M169		
HB2.4M169		
HBPL410		

SCREEN SPEC

Electric Screens with standard wireless remote

Light weight construction

Ships fully assembled and ready to Plug & Play

Durable and easy to clean

0.38mm thick

PROJECTOR SPEC

Display Panel: 1 : 0.45"

Brightness (Ansi Lumens): 500

Native Resolution: WXGA (1280:800)

Contrast Ratio: 1000:1

Input: VGA x 1, Video x 1,Audio in(mini jack), HDMI x 1, USB-A x 1, SD-Card x 1 & S-Video

PC Compatibility: VGA, SVGA, XGA, SXGA & Mac

Code	Description	Offer
Deal1	HBPL410 Projector + Sapum1500 Bracket and 1.8m Screen (4:3 or 16:9)	
Deal2	HBPL410 Projector + Sapum1500 Bracket and 2.0m Screen (4:3 or 16:9)	
Deal3	HBPL410 Projector + Sapum1500 Bracket and 2.4m Screen (4:3 or 16:9)	

Sales 01253 607830
Tech 01253 607859
Fax 01253 607831
Web www.hblitherland.co.uk
Email sales@hblitherland.co.uk

All products available with a minimum 1 YEAR WARRANTY

Optoma

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

ML1000

1000 Lumen WXGA Projector

Resolution: 1280 x 800
Contrast: 15,000:1
Noise Level: 30DB
Inputs: VGA,, Composite Video, HDMI, USB, Micro USB & SD Card Slot

Code	Throw Ratio	Trade	Offer
ML1000	1.4:1		

GT760

3400 Lumen WXGA Projector

Resolution: 1280 x 800
Contrast: 20,000:1
Noise Level: 29DB
Inputs: VGA x 2, S-Video, Composite Video, HDMI & USB

Code	Throw Ratio	Trade	Offer
GT760	0.52:1		

DH1011/ DH1017

3D GLASSES

Operating Frequencies: 96/100/120/144Hz (48/50/60/72Hz per eye)
Accessories: Soft Carry Case, Cleaning Cloth, 2x Nose Piece, USB Charging cable
Dimensions: 170 x 168 x 40 mm
Weight: 37g
Battery: Rechargeable Lithium Polymer - Up to 15 Hours use.

Code	Offer
ZD301	

DS325

2600 Lumen SVGA Projector

Resolution: 800 x 600
Contrast: 13,000:1
Noise Level: 28DB
Inputs: VGA, S-Video & Composite Video

Code	Throw Ratio	Trade	Offer
DS325	1.95-2.15:1		

S316

3200 Lumen SVGA Projector

Resolution: 800 x 600
Contrast: 15,000:1
Noise Level: 29DB
Inputs VGA x 2, S-Video, Composite Video, HDMI & USB

Code	Throw Ratio	Trade	Offer
S316	1.95-2.15:1		

DX325

2600 Lumen XGA Projector

Resolution: 1024 x 768
Contrast: 13,000:1
Noise Level: 28DB
Inputs: VGA, S-Video, Composite Video & Audio (3.5mm)

Code	Throw Ratio	Trade	Offer
DX325	1.95-2.15:1		

X316

3200 Lumen XGA Projector

Resolution: 1024 x 768
Contrast: 15,000:1
Noise Level: 29DB
Inputs: VGA x 2, S-Video, Composite Video, HDMI & USB

Code	Throw Ratio	Trade	Offer
X316	1.95-2.15:1		

W300

3000 Lumen WXGA Projector

Resolution: 1280 x 800
Contrast: 13,000:1
Noise Level: 29DB
Inputs: VGA x 2, S-Video, Composite Video, HDMI & USB

Code	Throw Ratio	Trade	Offer
W300	1.55-1.7:1		

EW400

4000 Lumen WXGA Projector

Resolution: 1280 x 800
Contrast: 15,000:1
Noise Level: 29DB
Inputs: VGA x 2, S-Video, Composite Video, HDMI, USB & Audio x 2

Code	Throw Ratio	Trade	Offer
EW400	1.28-1.536:1		

DH1011

Full HD 1080p - 3000 Lumens Projector

Resolution: 1080P 1920 x 1080
Contrast: 13,000:1, Noise Level: 26DB
PC/Video (15 Pin D-Sub), 2 x HDMI via 1.4a 3D, S-Video, Composite & Component

Code	Throw Ratio	Trade	Offer
DH1011	1.5 - 1.8:1		

DH1017

4200 Lumen WXGA Projector

Resolution: 1920 x 1080
Contrast: 10,000:1
Noise Level: 28DB
Inputs: VGA x 2, S-Video, Composite Video, HDMI x 2 & USB

Code	Throw Ratio	Trade	Offer
DH1017	1.59-1.91:1		

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Don't forget to order...

NEC M260W

2500ANSI Lumen Wide-XGA Projector

WXGA (1280x800 pixels)
Picture-in-picture, auto-setup
Up to 6000 hours lamp
HDMI, USB and VGA inputs

Code		Trade	Offer
M260W			

Video Splitters, 2 or 4 Port Units

Compact design with all metal casing
Additional units can be daisy chained
Max resolution: 1920x1440

Code		Trade	Offer
1770079	2 Port		
1770080	4 Port		

SAPPHIRE PROFESSIONAL PROJECTOR CEILING MOUNT

SAPUM1500
Universal Projector Mount with 1200mm Pole

Smart white powder coating finish.
3 year warranty
Can also be used for close fitting to the ceiling with no drop bar
The distance from the top plate to the top of the projector is 1345mm without the attachment for sloping ceilings or 1400mm with this.

Code		Trade	Offer
SAPUM1500	Projector Mount		

Sapphire Trigger Pack

If you have a projector with no 12V out - you plug the power into the box supplied with the STR kit and then plug this into the projector. It senses the power up and power down of the machine and sends a radio signal (even if infra red version) to the receiver to drop or retract the screen.

Code		Trade	Offer
STR			

HBL are proud to introduce the new TriStar Range

TriStar HERE TO STAY

Electric Projector Screens from HBL

TriStar Electric Screens 4:3 or 16:9 / 1.8m - 2.4m

Electric Screens with standard wireless remote
Light weight construction
Ships fully assembled and ready to Plug & Play
Durable and easy to clean
0.38mm thick

1.8m, 2.0m & 2.4m sizes

Code	Description	Trade	Offer
HB1.8M43	1.8M Electric Screen 4:3 Ratio		
HB2.0M43	2M Electric Screen 4:3 Ratio		
HB2.4M43	2.4M Electric Screen 4:3 Ratio		
HB1.8M169	1.8M Electric Screen 16:9 Ratio		
HB2.0M169	2M Electric Screen 16:9 Ratio		
HB2.4M169	2.4M Electric Screen 16:9 Ratio		

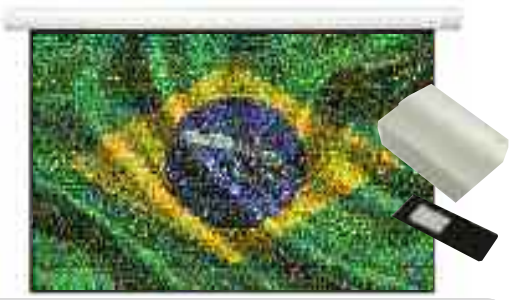
TRISTAR HBPL410

500 Lumen WXGA LED Projector

Display Panel: 1 : 0.45"
Brightness (Ansi Lumens): 500
Native Resolution: WXGA (1280:800) Contrast Ratio: 1000:1
Input: VGA x 1, Video x 1,Audio in(mini jack),
HDMI x 1, USB-A x 1, SD-Card x 1 & S-Video
PC Compatibility: VGA, SVGA, XGA, SXGA & Mac

Code	Trade	Offer
HBPL410		

Sapphire 3 to 4m Electric RF Screens



RF Controlled • Includes Remote
Includes Wall Box • Wall or Ceiling Mounted • Electric

Code	Description	Trade	Offer
SEWS300BWSF-A	3m 16:9		
SEWS350BWSF-A	3.5m 16:9		
SEWS400BWSF-A	4.0m 16:9		

Sapphire 1.8 to 2.4m Recessed Screens

IR or RF Switchable • Includes Remote (IR Version)
Includes Wall Box • In- Ceiling Mounted • Electric

Code	Description	Trade	Offer
SECS180BWSF-A	1.8m 16:9		
SECS200BWSF-A	2.0M 16:9		
SECS240BWSF-A	2.4m 16:9		

Sapphire 2D/3D Fixed Screens

Becomes 2D for non HD material and stunning 3D at a push of a button.
The screen is a permanent 3D surface with a 2D surface that drops down in front when required.
Control of the screen is by the supplied frequency remote control and a box.
3D demands the best fabric to get the perfect image. Whilst our matt white screen fabric looks good and works with 3D, there is a clear difference in depth and definition when using our 3D fabric

Code	Description	Trade	Offer
SFSC203-2D3D	2.0M 16:9		
SFSC220-2D3D	2.2M 16:9		
SFSC234-2D3D	2.3M 16:9		

Sapphire Motorised Projector Lift

Automatic Balancing Mechanism
High-Strength Sheet Metal Linkage
Cable Management
Maximum Weight Capacity: 12KG
Internal Dimension: 470mm x 415mm x 150mm

Code	Description	Trade	Offer
SAPPL02	Motorised In ceiling Lift		

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All products available with
1 YEAR WARRANTY

IDEAL FOR THE WORLD CUP

APART PUBSET

The PUBSET is the ultimate set for creating an enthusiastic ambiance for dance floor applications in dance cafés, bars or trendy fashion stores, your pool house or the children's basement area.

Apart PUBSET Series - Available in BLACK or WHITE

BRINGING PEOPLE TO A DANCING MOOD...

Order Code		Trade	Offer
PUBSET-BL	Black Set		
PUBSET-WH	White Set		

APART MEETINGSET

The MEETINGSET is recommended for rooms where a professional audio system for audio playback and clear voice reproduction is needed.

Apart SHOPSET Series - Available in BLACK or WHITE

FITS IN EVERY INTERIOR STYLE...

Order Code		Trade	Offer
SHOPSETO	1x Sublime		
SHOPSETI	2x CMSUB8		

APART SHOPSET

The Apart SHOPSET is an ideal ceiling loudspeaker and amplifier solutions for background music in small retail, professional or residential environments.

Apart MEETINGSET Series - Available in BLACK or WHITE

MAKING A GOOD IMPRESSION

Order Code		Trade	Offer
MEETINGSET-BL	Black Set		
MEETINGSET-WH	White Set		

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All products available with
1 YEAR WARRANTY

TRANTEC

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

TRANTEC

Optional Microphone Accessories for Wireless Systems

SJ55	**Lavalier Mic**
SJ66	**Head Mic**
EM77	**Earworn Mic**
S4.16RK	**Rack Kit**

TRANTEC

Racked 'n' Ready S5 Series

Meet the new Racked'n'Ready S5 Series. These unique, compact, turnkey packages follow on from the great success of the S4.16 Racked'n'Ready. Benefitting from all the advantages of the Trantec S5 range, you can run up to 12 simultaneous channels at a price you will find hard to match.

Up to 12 simultaneous channels of true diversity operation

USB based computer monitoring

Simple programming of transmitters via Infra-red

Credit card size beltpack transmitters

Single AA transmitter battery life of over 10 hours

Professional metal enclosures on both transmitters and receivers

19" professional flight case with built-in antennae distribution and power supply as standard

Assembled packages include: 4, 6, 8 or 12 x 5.3 receivers

4, 6, 8 or 12 x 5.3 transmitters in any combination of handheld or beltpack

Antenna distribution unit

Power supply

Rack mounting kits

2 x antennae

19" professional flight case

Code	Trade	Offer
S5.3CUBE		
S5.3-4WAY		
S5.3-6WAY		
S5.3-8WAY		
S5.3-12WAY		

S4.4LM & S4.4MD

Trantec S4.4 UHF Mic System

S4.4RX RECEIVER	S4.4LTX TRANSMITTER	S4.4MTX TRANSMITTER
742-744, 863-865Mhz	4 Channel capability	4 Channel Capability
4 Channel Capability	Controls: Frequency select,	Controls: Frequency select
1/4" mono jack, +16 dBu via	On/Off switch	and On/Off switch
balanced XLR 3F	Lapel/Instrument select,	Operating voltage
	Gain adjust	9v @ <50mA

Order Code	Description	Trade	Offer
S4.4LM	LAPEL Mic System		
S4.4MD	HANDHELD Mic System		

S4.16LM, S4.16MD, S4.16WHM

Trantec S4.16 UHF Mic System

S4.16RX-EA RECEIVER	S4.16LTX-EA TRANSMITTER	S4.16HTX-EA TRANSMITTER
854-865MHz (EA)	16 Channel capability	16 Channel Capability
16 Channel Capability	Controls: Frequency select,	Frequency select
1/4" mono jack, +16 dBu	On/Off switch	and On/Off switch
via balanced XLR 3F	Lapel/Instrument select,	Operating voltage 9v @
	Gain adjust	<50mA

Order Code	Description	Trade	Offer
S4.16LM	LAPEL Mic System		
S4.16MD	HANDHELD Mic System		
S4.16WHM	HEADSET Mic System		

S4.16RX2 Dual series systems

NEW

THE TRANTEC S4.16RX2 RECEIVER	THE TRANTEC S4.16RX2 HANDHELD TRANSMITTER	THE TRANTEC S4.16RX2 BODY PACK
16 selectable frequencies per Channel	6 selectable frequencies	16 selectable frequencies
2 Channels receiver	Dynamic Capsule	Fully synthesised PLL quartz tuning technology
Frequency Range : 606-614MHz (Channel 38)	Fully synthesised PLL quartz tuning technology	Detachable antenna
Up to 8 simultaneous channels	Detachable antenna	Locking 3.5mm jack
	Single 9V transmitter battery life of approx. 10 hours	Integral switch for selection between instrument and microphone

Order Code	Trade	Offer
S4.16RX2HH		
S4.16RX2HL		
S4.16RX2LL		

Trantec S4.16 Racked'n'Ready System

Whether you opt for a 4, 6 or 8 channel Racked'n'Ready system, these unique, compact, turnkey packages will be ideal for your hire stock, and appeal to schools, amateur dramatics, churches, and audio-visual applications.

16 selectable frequencies including 4 licence free Channel 70 (UK)

Up to 8 simultaneous channels

Available with handheld, lavalier or instrument cable

Diversity operation with detachable antennae

Single 9V transmitter battery life of approx 10 hours

4, 6 or 8 x S4.16 receivers

4, 6 or 8 x S4.16 transmitters in any combination of beltpack (includes LP2 lapel microphone) or handheld

Antenna Distribution Unit, Power Supply

Rack Mounting Trays, 2 x Antennae

19" Professional Flight Case

Order Code	Trade	Offer
S4.16L-G3-RACK-4W		
S4.16L-G3-RACK-6W		
S4.16L-G3-RACK-8W		

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

DBX DRIVERACKPA+ Loudspeaker Management System

Loudspeaker Management System

Auto EQ Wizard with 28-Band RTA
USB Firmware and Speaker Tunings Field
2-Ch XARA Input and 6-Ch XARA Output
2x3, 2x4, 2x5, 2x6 Crossover Configs
Stereo Output Limiters

Code	Trade	Offer
DRIVERACKPA+		

DRIVERACKPA2 Loudspeaker Management System

Subharmonic Synthesis
8-Band Parametric EQ
(adjusted when using the AutoEQ) Input
Graphic EQ
Crossover (supports full range, 2-way,
and 3-way systems)
8-Band Parametric EQs
(used for speaker tunings) Output
Driver Alignment Delays

Code	Trade	Offer
DRIVERACKPA2		

DBX DBX215S 2-Series Graphic Equalizer

DBX DBX231S Dual Channel 31-Band G EQ

Two 15-band, 2/3-octave bands (DBX215S)
Two 31-band, 1/3-octave bands (DBX231S)
Switchable boost/cut ranges ±6 or ±12 dB
±12 dB input gain range
XARA and TRS Inputs and Outputs

Code	Trade	Offer
DBX215S		
DBX231S		

All products available with a minimum 1 YEAR WARRANTY

HARMAN

DMS70
2.4Ghz Digital System

2.4 GHZ

Receiver	Handheld	Beltpack	Lapel Mic
4 channel Receiver Digital Diversity 2.4Ghz Automatic frequency selection 30m Range	Digital Diversity 2.4Ghz Automatic frequency selection Dynamic capsule	2.4Ghz Mini XLR mic connection 2 x AA Alkaline batteries 6 hours battery life	Mini XLR connection Cardioid capsule Sensitivity: 8.8mV/Pa

Code	Description	Trade	Offer
DSR70QR	Quad Receiver		
DHT70D5	Dynamic H/Held		
DPT70	Belt Pack		
CK99	Lapel Mic		

AKG WMS40
Mini Radio Microphone

CHANNEL 70 READY

The **WMS40 Mini Single Vocal Set** package includes:
1 x SR40 Mini Receiver
1 x HT40 Mini Handheld transmitter
1 x Universal power supply
with US/UK/EU adapter, 1 x AA size battery

The **WMS40 Mini Dual Vocal Set** package includes:
1 x SR40 Dual Mini Receiver
2 x HT40 Mini Handheld transmitter
1 x Universal power supply
with US/UK/EU adapter, 2 x AA size battery

Code	Trade	Offer
WMS40MINI-SINGLEVOCAL		
WMS40MINI-DUALVOCAL		

WMS470
Wireless Mic Systems

CHANNEL 38 READY

Receiver	Handheld	Beltpack
32 channel Channel 38 Space diversity 100m radio range	32 Channel Channel 38 Dynamic capsule 1 x AA Alkaline Battery	32 channel Channel 38 Mini XLR mic connection 1 x AA Alkaline Battery

Code	Description	Trade	Offer
WMS470D5	H/Held System		
WMS470PRESENTER	Lapel System(Inc Headset)		

Crown MA Series
Mixer Amplifiers

3 inputs (each with a volume control),
35W 100V / 8 Ohm amplifier output channel in 135MA
4 inputs (each with a volume control), 60W 100V / 8 Ohm amplifier output channel in 160MA
Ideal for paging, background music, and music-on-hold
Balanced Phoenix-type mic/line input, telephone output, dual RCA stereo music inputs, screw-terminal speaker outputs
Priority muting by VOX or external switch
Bass and Treble controls on master output

Code	Description	Trade	Offer
135MA	35W Mixer Amplifier		
160MA	60W Mixer Amplifier		

CROWN XLS Series
Digital Class D Amplifiers

Integrated PureBand Crossover System
Peakx Limiters provide maximum output while protecting your speakers

XLS1000: 215W @ 8 , 350W @ 4
XLS1500: 300W @ 8 , 525W @ 4
XLS2000: 375W @ 8 , 650W @ 4
XLS2500: 440W @ 8 , 775W @ 4

Order Code	Trade	Offer
XLS1000 350W		
XLS1500 525W		
XLS2000 650W		
XLS2500 775W		

evoson Ceiling Speakers

LS-IC603T
LS-IC603T-B

6" Ceiling speaker
6 / 3 / 1.5W @ 100v
Ceiling Cut Out: 200mm
Freq Response: 110-18,000Hz

Order Code	Description	Trade	Offer
LS-IC603T	WHITE 6" 6W 100V Speaker		
LS-IC601T	WHITE 6" 30W 100V Speaker		
LS-IC801T	WHITE 8" 40W 100V Speaker		

LS-IC601T
LS-IC601T-B

6" Ceiling speaker
30 / 15 / 7.5W @ 100v
Ceiling Cut Out: 200mm
Freq Response : 90-20,000Hz

Order Code	Description	Trade	Offer
LS-IC603T-B	BLACK 6" 6W 100V Speaker		
LS-IC601T-B	BLACK 6" 30W 100V Speaker		
LS-IC801T-B	BLACK 8" 40W 100V Speaker		

LS-IC801T
LS-IC801T-B

8" Ceiling speaker
40 / 20 / 10W @ 100v
Ceiling Cut Out: 240mm
Freq Response: 60-20,000Hz

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All products available with a minimum 1 YEAR WARRANTY

HARMAN

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

SOUNDCRAFT
EPM 8 SERIES MIXER

Frame size: 8+2
XLR-type and 1/4" metal jack connector sockets
2-band EQ on stereo inputs
3-band EQ with a swept mid on mono inputs

Code	Trade	Offer
RW5735UK		

SOUNDCRAFT
EPM 12 SERIES MIXER

Frame size: 12+2
XLR-type and 1/4" metal jack connector sockets
2-band EQ on stereo inputs
3-band EQ with a swept mid on mono inputs

Code	Trade	Offer
RW5736		

CONTROL SB-2
STEREO INPUT DUAL COIL SUBWOOFER

170W x2 at 8 Ohm
250 mm (10 in) dual voice coil
Stereo inputs with high-pass outputs for satellite speakers
Ideal for use with Control1,23,25,28

Code	Trade	Offer
CONTROLSB2		

Control 24
Ceiling Speakers

Power Handling 30W Max	Power Handling 40W Max
Frequency Response 80Hz - 20kHz	Frequency Response 80Hz - 20kHz
Impedance 8 or 100V line	Impedance 16 or 100V
Tappings (100V) 8, 4, 2, 1W	Tappings (100V) 30, 15, 7.5W (100V)

Low distortion and a smooth, natural frequency response make the Control 24's ideal for medium volume business music systems as well as for the medium to low SPL segments of larger or louder systems.

Code	Trade	Offer
CONTROL24CMICRO	(8 Ohm) - Single	
CONTROL24CTMICRO	(100V) - Single	
CONTROL24C	(8 Ohm) - Single	
CONTROL24CT	(100V) - Single	

Control 26CT
Ceiling Speakers

75 Hz to 20 kHz frequency range (-10 dB)
140 watts continuous program power capacity
16 ohms nominal impedance
100V taps: 60W, 30W, 15W.

The Control 26CT is a powerhouse ceiling speaker containing a coaxially mounted 6.5" woofer and 3/4" titanium-coated tweeter, able to deliver maximum sound level over a wide coverage area.

The Control 26CT includes a multitap transformer for a 70V or 100V line distribution system.

Code	Trade	Offer
CONTROL26CT		

JBL8124 / JBL8128
6W @ 100V In-Ceiling Speakers

Component: 4 in (100 mm), Full-range Driver
Frequency Range: 60 Hz - 18 kHz
Dimensions (Diameter x Depth): 206mm x 89mm

Component: 8 in (200 mm), Full-range Driver
Frequency Range: 50 Hz - 16 kHz
Dimensions (Diameter x Depth): 287mm x 105mm

Order Code	Trade	Offer
JBL8124		
JBL8128		

Control 65
High Power Pendant

Coaxial design featuring 130 mm woofer and 20 mm soft-dome tweeter.
Frequency Range (±3 dB)1: 78 Hz - 18 kHz
Power Capacity2: 75 Watts Continuous
Nominal Coverage Angle3: 120 (+20 /-10)
Rated Impedance: 8 ohms
Transformer Taps: 100V: 60W, 30W, 15W

Order Code	Trade	Offer
CONTROL65PT		

JBL Control Loudspeakers

JBL Control 1 Extreme
2-Way Pro Compact Loudspeakers
Freq Range: (-10 dB) 80 Hz to 20 kHz
Power Capacity: 50 W
Nominal Impedance: 8 ohms
Overload Protection

Control 1PRO
Loudspeakers
80 Watts
Recommended Range: 10W - 80W RMS
Impedance: 4 Ohms
Frequency Response: 80Hz - 20kHz

Control 23
Cabinet Speakers
Frequency Range: 85 Hz to 22 kHz (-10 dB)
Power Capacity: 50 W Continuous
Directivity Index (DI): 6.8 dB
Nominal Impedance: 8 ohms

Control 25
Cabinet Speakers
Frequency range 80Hz - 16kHz (-10dB)
Power capacity 150 Watts Continuous Program
Nominal impedance 8 Ohm
Tappings (25T) 7.5 / 15 / 30W

Control 28
Cabinet Speakers
Frequency range 60Hz - 16kHz (-10dB)
Power capacity 175W (8 Ohm), 60W (100V)
Nominal impedance 8 Ohm
Tappings (28T) 15 / 30 / 60W

Order Code	Trade	Offer
CONTROL1XTRBii	BLACK, PAIR	
CONTROL1XTRSii	SILVER, PAIR	
CONTROL1PROWH	WHITE, PAIR	
CONTROL1PROBK	BLACK, PAIR	
CONTROL23	BLACK, PAIR	
CONTROL23-WH	WHITE, PAIR	
CONTROL25	BLACK, PAIR	

Order Code	Trade	Offer
CONTROL25-WH	WHITE, PAIR	
CONTROL25T	BLACK 100V, PAIR	
CONTROL25T-WH	WHITE 100V, PAIR	
CONTROL28	BLACK, PAIR	
CONTROL28-WH	WHITE, PAIR	
CONTROL28T	BLACK 100V, PAIR	
CONTROL28T-WH	WHITE 100V, PAIR	

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All products available with 5 YEAR WARRANTY

SigNET

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

INDUCTION LOOP CABLE

CODE	CONDUCTOR	CROSS SECTION	
COLOUR	LENGTH	TRADE	OFFER
010003W	32/0.20mm	1.0mm	
White	100m		
010003B	32/0.20mm	1.0mm	
Black	100m		
010003BR	32/0.20mm	1.0mm	
Brown	100m		
010005W	50/0.25mm	2.5mm	
White	100m		
010005B	50/0.25mm	2.5mm	
Black	100m		

HIGH QUALITY INSTALL CABLE

INSTALLATION / WARNING and COPPER FOIL TAPE

INSTALLATION / WARNING TAPE

(0.004") wide, colour white, printed with a warning text and deaf logo in ruby red. This tape is designed to fix the copper foil tape to the floor.

AMPETRONIC COPPER FOIL TAPE

Standard flat copper foil cable supplied by Ampetronic is 18mm (0.71") wide x 0.1mm (0.004") thick and is sealed in a 25 micron clear film insulation.

Code	Trade	Offer
PWT		
FC1.8		

SIGNET OUTREACH PLATES

Code		Trade	Offer
APJ	3.5mm Jack Mono Mic / Line Level		
APL	Twin Phono Line Level Plate		
APQM	6.35mm St Jack Mic / Line Level		
APXM	XLR Mic / Line Level Plate		
APXL	XLR Line Level Plate		
API	AFILS Active Indicator Light		
APM	Wall Mount / Ceiling Omni Mic		
APV	12V 250mA Two Gang Plate PSU		

Signet PDA Series
Professional Induction Loop Amplifiers

Ideal for theatres, cinemas, churches, halls

2 XLR 3 pin input sockets - 1 balanced mic. and 1 switchable balanced mic./line

"Outreach" input allows the connection of up to 10 additional mic. or line level inputs

200/2 = 200m2

500/2 = 500m2

1000/2 = 900m2

Order Code	Trade	Offer
PDA200/2		
PDA500/2		
PDA1000/2		
PDA/RM		
PDA/WM		
TEAR		

PL1/K1
Portable Induction Loop Kit, 1.2m²

Ready for use. Free-standing lightweight design

Generates a loop listening field of approx. 1.2m2,

Limited horizontal throw of loop field helps maintain privacy in appís where confidentiality is essential (i.e. banks, meeting rooms, police stations, etc)

Order Code	Trade	Offer
PL1/K1		

ML1/K
Counter Induction Loop Kit 1.2m²

Extremely cost-effective

Generates a loop listening field of approx 1.2m² depends on loop position

Double-gang wall-mounting ML1 fits standard UK 25mm back box and is ideal for mounting under desks, counters or table tops

Order Code	Trade	Offer
ML1/K		

PDA102
Mini Loop System 49m²

Ideal for ticket counters, desktops, TV lounges, etc

Provides max. sq room coverage of 49m2 (7m x 7m)

Kitted "counter loop" version provides approximately 1.2m2 coverage

Order Code		Trade	Offer
PDA102C	(inc. Counter Cable)		
PDA102L	(inc. AMT Tie / Mic)		
PDA102S	(inc. SCART Lead)		
PDA102R	(inc APM Plate Mic		

PDA200E
Induction Loop Amp 120m²

Ideal for electrical contractors

No audio connectors

Wall mounted for permanent installation

Internal controls to avoid user tampering

Provides up to 120m2 coverage

100v to line Convertor (LEST)

Order Code	Trade	Offer
PDA200E		
LEST		

DL50/K
Domestic Loop Amp Kit 49m²

Two line Level Inputs (for TV, Radio etc)

Two microphone inputs

One ëalertí input (for doorbells, burglar alarms, etc)

Simple to adjust mix, level and tone controls

Power on, input peak and signal present indicators

Order Code	Trade	Offer
DL50/K		

RXTI
Induction Loop System Tester

The RXti has been designed to allow installers, and the non hard of hearing to test and assess the quality and audibility of the loop system.

Order Code	Trade	Offer
RXTI		

FPROK
Fosmeter Pro Induction Loop Tester Kit

FPROK Fosmeter Pro induction loop tester kit is designed to simplify the setup of an induction loop system and ensure its compliance with the latest version of BS EN 60118-4 (Magnetic field strength in audio frequency induction loops for Hearing Aid purposes).

Order Code	Trade	Offer
FOSMETER		

Ampetronic ILD500
Induction Loop Driver

Area coverage to >700m2

Low lifetime cost

Excellent proven reliability

5 year warranty

Unparalleled sound quality

Order Code	Trade	Offer
ILD500		

Current Thinking Modulator/Radiator

Max.coverage area approx.100 m²

Modulation wideband FM

AF input 3 pin XLR

RF output 3.5mm mono jack

IRMTX750S - Slave Unit

Order Code	Trade	Offer
IRMTX750		
IRMTX750-S		

Current Thinking Compact Receiver

30 Hours life from two AAA batteries

High frequency modulation,

free from lighting interference

Inbuilt neck loop complies with EN60118-4

IRRXSR - Snap Release Version

Order Code	Trade	Offer
IRRX		
IRRXSR		

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All products available with 1 YEAR WARRANTY

TOA

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

HX5 Line Array Speaker System

If you design and install speaker systems using conventional two-way box speakers, you know

that pattern control in the voice frequency range can be difficult to manage, especially in

reverberant spaces. The TOA HX-5 Variable Dispersion Speaker offers a radically different approach

to speaker design with four adjustable dispersion angles -- 60, 45, 30 and 15 degrees -- that you can

change in seconds! Best of all, you get pattern control below 1kHz in a compact and lightweight enclosure

that's perfect for a multitude of applications. Think of it as the most versatile "building block speaker" in your toolkit.

Features include high power handling (600 Watts continuous), lightweight polypropylene construction,

available in black and white, plus Speakon and screw terminal connectors. The HX-5 can vertically or

horizontally mounted with the built-in bracket or with optional wall, ceiling and stand-mount hardware.

Other options include weather-resistant versions, FB-120 subwoofer and 70 volt matching transformer.

Codes	Description	Trade	Offer
HX5B	Bank 4 Speaker Black		
HX5BWP	As above but weather-proof		
HX5W	Bank 4 Speaker White		
HX5WWP	As above but weather-proof		

A2000 Series Amplifiers 100v Line Amplifiers

MIC 1: 600 OHM Balanced 5P Din Socket
MIC 2, 3: 600 OHM Balanced Phone Jack
AUX 1, 2: 10K OHM Unbalanced
RCA Pin Jack
Paging Mute On Channel 1

Order Code	Trade	Offer
A2030	30W	
A2060	60W	
A2120	120W	
A2240	240W	

PM660, PM660D & PM660U Paging mics

Desk-top type dynamic mic with cardioid polar pattern
Short-off press-to-talk switch with locking lever
Talk switch Push to talk type
Remote switch Leaf spring contact

Order Code	Trade	Offer
PM660		
PM660D		
PM660U		

A1700 Series Amplifiers 100V Line Amplifiers

6 balanced mic inputs using XLR / Jack combination sockets
3 auxiliary inputs
Mic inputs 5 & 6 can switch to aux. inputs
+18V phantom power, selectable mic input

Order Code	Trade	Offer
A1706	60W	
A1712	120W	
A1724	240W	

AT063P, AT303P & AT603P Volume Controls

5 step attenuation (0dB, -6dB, -12dB, -18dB, OFF)
Push in connector allows quick terminal cable connection
Two or more attenuators can be bridged
Includes YS11A Surface Mounting Box

Order Code	Trade	Offer
AT063P	6W	
AT303P	30W	
AT603P	60W	

WT5810 Receiver

16 selectable channel frequencies
Auto mixing input function
Microphone sensitivity adjustment function
Balanced output and phone jack output

Code	Trade	Offer
WT5810		

WT5800 Receiver

Four 16-channel banks of circuit frequencies
True diversity technology
Auto mixing input function
Microphone sensitivity adjustment

Code	Trade	Offer
WT5800		

WM5225 / WM5265 Handheld Mics

Operating range: 3m - 120m
Electret condenser cardiod mic WM5225
Single AA battery operation WM5225
Dynamic mic: Unidirectional WM5265
LR6 (AA) or WB-2000 (Ni-MH) WM5265

WM5225	
WM5265	

WM5325 Belt Pack Only

Single AA battery operation
Connector for 3.5 mini-plugs
WM400H Headset Microphone
YP-M5310 Lapel Microphone

WM5325	
WH4000H	
YP-M5310	

BS678B, BS678BT, BS678W & BS678WT Cabinet Speakers

Rated Input: 6W (100V line), 3W (70V line)
Speaker Component: 6" (16cm) double cone-type
Connection: Push-in connector (bridging terminal)

Order Code	Trade	Offer
BS678B		
BS678BT		
BS678W		
BS678WT		

BS1030B & BS1030W Cabinet Speakers

Rated Input: 30W Impedance: 8
100V line: 330 (30W), 500 (20W), 670 (15W), 1k (10W), 2k (5W)
Freq Response: 80 - 20,000Hz

Order Code	Trade	Offer
BS1030B		
BS1030W		

PC648R Ceiling Speaker

Rated Input: 6 W (100 V line), 3 W (70 V line)
Frequency Response: 100 - 18,000 Hz
Dimensions: f168 x 77 (D) mm
Weight: 470 g (1.04 lb)

Order Code	Trade	Offer
PC648R		

SC Series Horns

IP code IP65
Frequency response 315 - 12,500Hz (SC610); 280 - 12,500Hz (SC615); 250 - 10,000Hz (SC630)

Order Code	Trade	Offer
SC610	10W 8 Ohm	
SC615	15W 8 Ohm	
SC630	30W 8 Ohm	
SC610M	10W 100V	
SC615M	15W 100V	
SC630M	30W 100V	

CS304 Projection Speaker

Power Handling: 30W
Tappings (100V): 10, 20, 30W
Connectors: Cable
IP Rating: 64

Order Code	Trade	Offer
CS304		

PC1869S & PC1867FC Ceiling Speakers

Rated Input 6W
Continuous Program 9W
Tappings 100V 6W/3W
Tappings 70V 3W/1.5W

Order Code	Trade	Offer
PC1867FC		
PC1869S		

All prices exclude VAT Open Monday - Friday 08:00 – 18:00. All orders for next day delivery there is a £7.50 carriage charge. No charge for back orders. UK mainland only. Channel Islands, Northern Ireland, Eire, Isle of Man, Scottish Highlands and Islands etc. – POA. Large screens 60" and over and orders that need to be palletised will incur an additional charge – POA.

All products available with a

1 YEAR WARRANTY

NEW!

Clever Little Box

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

AVID / AVID2 Stereo Amplifier

An ideal solution for AV and single-room voice or sound reinforcement applications, the AVID / AVID2 Stereo Amplifier is fitted into a 2-gang wall plate and features 3 x audio source inputs (3.5mm jack, 2 x RCA and screw terminals), line level sensitivity switch and bright LED display.
Supplied as standard, the AVID remote control unit provides ON/OFF, volume, tone and balance control. The AVID compact amplifiers are ideal for applications such as classrooms, boardrooms, meeting or demo rooms and even in domestic home installations.

Boardroom

Home

Classrooms

AVID In-Wall Amplifiers

New higher power 2 x 12W output (RMS)

Bluetooth connectivity for wireless audio input of iPhone, iPad, etc (AVID2)

3 x Wired Input Sources: Stereo Phono, 3.5mm Stereo Jack (Jack has priority and Wired Input Terminal (on rear PCB)

Control of ON/OFF and volume via illuminated push button located on the front panel

Clear LED level indicator/setting status display

Screw terminations on the rear of the unit for Loudspeakers, power and wired line input

Separate Loudspeaker balance adjustment to allow system set up (control located on rear of unit)

Code	Description	Trade	Offer
AVID	In-Wall Amp		
AVID2	In-Wall Amp (with Bluetooth)		

AVIDSYSTEM-C

Stereo amplifier fitted to UK 2-gang Wall plate
New higher power 2 x 12W output (RMS)
3 x Input Sources: Stereo Phono, 3.5mm Stereo Jack (Jack has priority and Wired Input Terminal (on rear PCB)
Control of ON/OFF and volume via illuminated push button located on the front panel
Screw terminations on the rear of the unit for Loudspeakers, power and wired line input
Separate Loudspeaker balance adjustment to allow system set up (control located on rear of unit)
Supplied with 2 x 6W 8Ω ceiling Loudspeakers

Order Code	Description	Trade	Offer
AVIDSYSTEM-C	In-Wall Amp Complete With Ceiling Speakers		

AVIDSYSTEM-W

Stereo amplifier fitted to UK 2-gang Wall plate
New higher power 2 x 12W output (RMS)
3 x Input Sources: Stereo Phono, 3.5mm Stereo Jack (Jack has priority and Wired Input Terminal (on rear PCB)
Control of ON/OFF and volume via illuminated push button located on the front panel
Screw terminations on the rear of the unit for Loudspeakers, power and wired line input
Separate Loudspeaker balance adjustment to allow system set up (control located on rear of unit)
Supplied with 2 x 15W 8Ω wall mount Loudspeakers

Order Code	Description	Trade	Offer
AVIDSYSTEM-W	In-Wall Amp Complete With Wall Speakers		

AVID2SYSTEM-C

Stereo amplifier fitted to UK 2-gang Wallplate
New higher power 2 x 12W output (RMS)
Bluetooth connectivity for wireless audio input of iPhone, iPad, smartphones, etc
3 x Wired Input Sources: Stereo Phono, 3.5mm Stereo Jack (Jack has priority and Wired Input Terminal (on rear PCB)
Control of ON/OFF and volume via illuminated push button located on the front panel and a Infrared remote control of ON/OFF, volume, balance and tone facilities (supplied as standard).
Clear LED level indicator/setting status display
Screw terminations on the rear of the unit for Loudspeakers, power and wired line input
Supplied with 2 x 6W 8Ω ceiling Loudspeakers

Order Code	Description	Trade	Offer
AVID2SYSTEM-C	In-Wall Amp(with Bluetooth) Complete With Ceiling Speakers		

AVID2SYSTEM-W

Stereo amplifier fitted to UK 2-gang Wallplate
New higher power 2 x 12W output (RMS)
Bluetooth connectivity for wireless audio input of iPhone, iPad, smartphones, etc
3 x Wired Input Sources: Stereo Phono, 3.5mm Stereo Jack (Jack has priority and Wired Input Terminal (on rear PCB)
Control of ON/OFF and volume via illuminated push button located on the front panel and a Infrared remote control of ON/OFF, volume, balance and tone facilities (supplied as standard).
Clear LED level indicator/setting status display
Screw terminations on the rear of the unit for Loudspeakers, power and wired line input
Supplied with 2 x 15W 8Ω Wall mount Loudspeakers

Order Code	Description	Trade	Offer
AVID2SYSTEM-W	In-Wall Amp(with Bluetooth) Complete With Wall Speakers		

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All products available with 1 YEAR WARRANTY

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

TITAN 12D ACTIVE SPEAKER TECH TIP!

For a simple voice or music PA System you can plug a microphone (wired or wireless) into a TITAN12D, with a music source (CD/iPhone etc) then daisy chain to another TITAN12D... and another... and another

Titan Series Active & Passive Loudspeakers

TITAN12 ACTIVE
12" 2 Way Active Loudspeaker
250W (RMS)
Built-in 2 ch Mixer (Mic/Line)
35mm Stand Mount

2-Way Bi-Amplified
Titanium Diaphragm HF Compression Driver
Qubit 24-Bit 192kHz DSP Processing

TITAN15 ACTIVE
15" 2 Way Active Loudspeaker
420W (RMS)
Built-in 2 ch Mixer (Mic/Line)
35mm Stand Mount

Combo XLR / Jack Balanced
Rear Panel Mic / Line Switch
Rear Panel Horn LED Defeat Switch

Order Code	Description	Trade	Offer
TITAN12D	12", ACTIVE		
TITAN15D	15", ACTIVE		

Order Code	Description	Trade	Offer
TITAN8BLACK	8", SINGLE, BLACK		
TITAN8WHITE	8", SINGLE, WHITE		
TITAN12	12", SINGLE, BLACK		
TITAN12WHITE	12", SINGLE, WHITE		
TITAN15BLACK	15", SINGLE		

TITAN8BLACK & TITAN8WHITE
8" 2 Way Passive Loudspeaker
8 ohm 180W RMS (300W Program)
Connection: 1/4" Jack & Speakon
35mm Stand mount

TITAN15
15" 2 Way Passive Loudspeaker
8 ohm 400W RMS (800W Program)
Connection: 1/4" Jack & Speakon
35mm Stand Mount

TITAN12 & TITAN12WHITE
12" 2 Way Passive Loudspeaker
8 ohm 300W RMS (500W Program)
Connection: 1/4" Jack & Speakon
35mm Stand mount

WHARFEDALE PRO EVPR15 Single Loudspeaker

Power rating: 350W
8 ohm
Sensitivity: 98db
90x60 Elliptical Wave Guide Horn
Protective Grilles
HF Driver Protection Circuit

Code	Trade	Offer
EVPR15		

WHARFEDALE PRO DIVA8 2-Way Coaxial

15W, 30W, 60W @ 100V
160W - 8 ohm
SENSITIVITY: 90 dB
FREQUENCY RESPONSE
+/- 3DB: 60Hz-20kHz

Code	Trade	Offer
DIVA8		

Programme Series

Connection: Barrier strip
Bare terminals (P30D)
Speakon (P206)
Drivers: P30D - 5", P105 - 5", P108 - 8"
P205 - 5"x2 & P206 - 6.5"x2
Sensitivity: P30D - 86db
P105 - 89db, P108 - 90db
P205 - 91db & P206 - 93db

JUNE OFFER
P105

Order Code		Trade	Offer
P30D	50W		
P105B / W	80W		
P108B	150W		
P205B	100W		
P206B	150W		

Stands and Bag / Bracket

SPSK300KIT
Pair of SPSK300BK aluminium speaker stands, provided with a practical nylon 210D carrying bag. Master pack of 1 set.

BS5
Max. Load: 40kg
Spigot: 35mm €

Order Code		Trade	Offer
SPSK300KIT	2x Stands & Bag		
BS5	35mm Spigot		

FORCE12

NEW

The FORCE 12 features built-in digital FX processing, removing the need for additional expensive and often cumbersome processors. The included graphic EQ can be used to tame feedback issues and allows fine tuning of the overall mix. A mode switch allows the on board amplification to be used to power either stereo front of house loudspeakers or a mono front of house and mono fold back monitor system.

Power Rating: 500w per channel @ 4 Ohms
Mic Inputs: 8
Stereo Inputs: 4
Returns: 2
Effects: Yes

Order Code	Trade	Offer
FORCE12		

DELTA Series Loudspeakers

2-Way

10", 12" & 15" Available

CONTINUOUS RMS: 300W (10")

CONTINUOUS RMS: 400W (12")

CONTINUOUS RMS: 500W (15")

IMPEDANCE: 8 Ohm (10",12" & 15")

FREQUENCY RESPONSE:
65-20KHz (10"), 60-20KHz (12"), 50-20KHz (15")

Order Code	Trade	Offer
DELTA10		
DELTA12		
DELTA15		

CONNECT Series Mixers

CONNECT802
2 Mic, 2 Line
True 48V Phantom Power

CONNECT802USB
2 Mic, 2 Line
True 48V Phantom Power, USB Input

The Connect Series from Wharfedale Pro are high quality micro-mixers that are suitable for a wide range of applications. The Connect 802 & USB features an intuitive, ergonomically designed user interface that is excellent for beginners and professionals alike. Comprehensive connectivity ensures that a Connect 802 & USB will fit into any situation you need.

LEVEL METERS: Dual 4-Segment LED
CLIP INDICATOR: Turns on at approx +16dBu
FREQUENCY RESPONSE: 20Hz-20kHz ±1dB

Order Code	Trade	Offer
CONNECT802		
CONNECT802USB		

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Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

SLD930

Retro 2.1ch Bluetooth System With CD Player

Compact 2.1ch Retro System
20w Total Power
(Front 5w + 5w and 10w Sub)
FM Tuner (20 pre-set)
CD Player
Bluetooth • Alarm Clock

Codes	Colour	Offer
SLD930B	Black	
SLD930R	Red	
SLD930S	Silver	
SLD930W	White	

Teac LPR550USB

USB Turntable

CD Recorder with CD tray, Copy records to CD
Record from internal Cassette Deck
Record from internal Tuner
Analog Audio Input, Audio Output
Phones jack, USB Input

Code	Trade	Offer
LPR550USB		

All products available with 1 YEAR WARRANTY

TEAC®

Teac AG-790

100W x2 Stereo Receiver Amplifier

100W+100W RMS Output Power
8ohms
30FM and 30AM Station Presets
A/ B Speaker Selection

Order Code	Trade	Offer
AG790		

Teac A-R650

90W + 90W
Stereo Amplifier

Output Power: 90W + 90W
8 ohms
7 inputs - 5 audio, 2 video
A/B speaker selection

Order Code	Trade	Offer
AR650		

Teac CD-P650

CD Player with
USB and iPod Support

CD, CD-R/RW and MP3 Disc
USB Port for iPod Interface
Repeat (One, All, A-B), Shuffle
Record and Play MP3 Files
to/from USB Memory

Order Code	Trade	Offer
CDP650		

Teac CDP-1260

Single CD Player

Support CD, CD-R/RW and MP3 discs
8 Times Oversampling Rate
Analog Audio Out: x1
Headphone Jack: x1 (6.3mm)

Order Code	Trade	Offer
CDP1260		

Teac AD-RW900

CD Recorder,
Cassette Deck, with 2x USB

CD-A Record from Cassette, USB, Digital-In, AUX
Audio Input: x 1 (RCA), Audio Output: x 1 (RCA)
USB Port: x 2 (Type-A, Type-B)
Headphone Jack with Level Control

Order Code	Trade	Offer
ADRW900		

Teac CD-RW890

CD-R and CD-RW
Recorder

CD-R and CD-RW Recording
Program, Repeat, Shuffle Play
Audio Input: x 1, Audio Output: x 1
Headphone Jack with Level Control

Order Code	Trade	Offer
CDRW890		

Teac W890R

Twin Cassette Deck

Variable Pitch Control ±12% (Deck 1)
Dual auto-reverse tape transports
Microphone Input with Level Control
Headphone Jack with Level Control
Bi-directional Double-deck - Continuous Rec/Play

Order Code	Trade	Offer
W890R		

Teac AD-800

CD Player,
Cassette Deck, with USB

Supports CD, CD-R/RW and MP3 Disc
20-selection Random Memory Program
MP3 Recording from CD/Cassette/AUX
Headphone Jack with Level Control

Order Code	Trade	Offer
AD800		

All products available with 2 YEAR WARRANTY

YAMAHA

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

HBL TECH TIP

Whether you have a mixing applications that involves only a few channels, or up to 32 inputs with substantial signal routing versatility, Yamaha"s MG-series offers a console that will give you the capacity, control, and performance you deserve.

All models are remarkably compact and lightweight for superior handling and portability, but absolutely no compromises have been made in terms of features, performance, or durability.

The MG mixers offer an extraordinary blend of technology: some inherited from professional Yamaha mixing consoles you"re likely to see in distinguished halls throughout the world, and some developed specifically to deliver optimum performance in the MG-console format.

YAMAHA YAS-101
120W Sound Bar

Output Power: 2 x 30W + 60W Subwoofer
Inputs: 2 x Optical, 1 x Digital Coax
Output: 1 x Optical
Dimensions: 890 x 108 x 121mm (W x H x D)

Code	Trade
YAS-101	

MG206C 20
Input Analogue Mixer

Mixing channels -
4 Mono + 4 Stereo
AUX - 2
MAIN - Stereo
Mic inputs - 6
Line inputs -
4x Stereo, Return, 2tr in

Order Code	Trade	Offer
MG206C		

MG82CX 8 Input Analogue Mixer

Mixing channels -
2 Mono + 3 Stereo
AUX - 1 (Effect send)
MAIN - Stereo
Mic inputs - 4
Line inputs -
3x Stereo, Return, 2tr in

Code	Trade	Offer
MG82CX		

P Series Power Amplifiers P2500S, P3500S, P5000S, P7000S

P7000S	8 Ohm St - 750W+750W, 4 Ohm St - 1100W+1100W, 8 Ohm Bridge	2000W
P5000S	8 Ohm St - 525W+525W, 4 Ohm St - 750W+750W, 8 Ohm Bridge	1500W
P3500S	8 Ohm St - 390W+390W, 4 Ohm St - 590W+590W, 8Ohm Bridge	1180W
P2500S	8 Ohm St - 275W+275W, 4 Ohm St - 390W+390W, 8 Ohm Bridge	780W

Order Code	Trade	Offer
P2500S	780W	
P3500S	1180W	
P5000S	1500W	
P7000S	2000W	

STAGEPAS400I 400w Portable PA System

NEW

Mixer
Mixing Channels: 8
Analogue Inputs: 4 mono mic/line + 4 mono / 2 stereo line
Digital Input: USB Audio IN: iPod/iPhone exclusive
Outputs: Speakers Out (L, R), Monitor Out (L/Mono, R), Subwoofer Out (Mono) with auto HPF
One-knob master EQ™ with virtual bass boost
Phantom power
On-board feedback suppressor

Speakers
Two-way bass reflex speakers
8" Cone
200W per speaker
35mm Top hat with stage lock
On-board feedback suppressor

Order Code	Trade	Offer
STAGEPAS400I		

CDC600RK 5 Disc Cd player with USB

5 Disc Carousel CD Player
iPod / iPhone USB input
Plays MP3's & WMA
Output: Optical & Coaxial
Dims: 480x116x405mm (WxHxD)

Order Code	Trade
CDC600RK	

MS101MKIII Active Monitor Speaker

Speaker type -
Powered speaker
Output power - 10W
I/O Connectors - Mic: -45dB/Phone, Line 1: -10dB/RCA Pin, Line 2: -10dB/Phone

Order Code	Trade	Offer
MS101MKIII		

NS-SW300 Active Monitor Speaker

Power: 250W
Driver: 10"
Freq Response: 20-160Hz
Advance YST: Yes
Bass Action Systems: Yes

Order Code	Trade
NS-SW300	

RXV375 5.1 Ch 100W Receiver

5.1 Channel receiver amplifier - 100w per channel
3D Pass Through
4 x HDMI inputs & 1 x HDMI Output
Built in AM/FM Tuner
Dimensions: 435x151x315mm

Order Code	Trade
RXV375	

RXV475 5.1 Ch 115W Receiver

5.1 Channel receiver amplifier - 115w per channel
3D Pass Through
4 x HDMI inputs & 1 x HDMI Output
Network Port Input & Airplay, Built in AM/FM Tuner
Dimensions: 435x161x315mm

Order Code	Trade
RXV475	

RXV675 7.2 Ch 150W Receiver

7.2 Channel receiver amplifier - 150w per channel
3D Pass Through
5 x HDMI inputs (+ 1 Front) & 1 x HDMI Output
Network Port Input & Airplay, Zone 2 Output
Built in AM/FM Tuner, Dimensions: 435x171x364mm

Order Code	Trade
RXV675	

YHT2910 5.1 Home Theatre Package

NEW

5.1 Surround Amplifier
100W per Channel
3D Pass Through
4 HDMI Inputs
1 HDMI Output
6&1/2" Subwoofer

Code	Trade
YHT2910	

PKBD1810 5.1 Home Theatre Package With Blu-Ray

NEW

5.1 Surround Amplifier
100W per Channel
3D Pass Through
4 HDMI Inputs
1 HDMI Output
6&1/2" Subwoofer
Network Blu-Ray Player

Code	Trade
PKBD1810	

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Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

Distribution Accessories:

Sennheiser Antenna Distribution Unit

Splitter 2 x 1:4
RF Frequency Range 500-870mhz
Operating Voltage 13.8 V DC

Code	Trade	Offer
ASA1		

Sennheiser Power Supply For ASA1

Plug-in mains unit with country-specific adapter for antenna splitter ASA 1

Code	Trade	Offer
NT1-1		

Sennheiser Passive Directional Antenna

Passive Directional Antenna
For Transmission and Reception
Frequency Range 450-960mhz
Sold In Singles

Code	Trade	Offer
A2003U		

All products available with 1 YEAR WARRANTY

SENNHEISER

CHANNEL 38 READY

For **'Project Pricing'** please call **PA Technical on 01253 607859**

Evolution G3 Wireless Systems

100 Series: Enhanced freq bank management with up to 12 freq's per bank
42 MHz bandwidth / 1680 switchable frequencies

Quick-change mic head from the e 800 Series
2 AA batteries for more than 8 hours of use
Optional rack mount available model GA3

100 SERIES

Order Code	Description	Trade	Offer
EW112G3	With ME2 Omni Lapel Mic		
EW122G3	With ME4 Cardioid Lapel Mic		
EW135G3	With Cardioid Handheld Mic		
EW152G3	With Headworn Microphone		
GA3	Rack Mount kit for 100 Series		
Spare Mics for 100 SERIES System			
ME2	Omni Lapel Microphone		
ME4	Cardioid Lapel Microphone		

XSW Series
Wireless Mic Systems

SENNHEISER XSW series

Easy-to-use, all-in-one package for speakers and presenters
High speech intelligibility
Synchronization via RF remote channel
8 frequency banks with each max 12 pre-sets

Order Code	Description	Trade	Offer
XSW12	Presenter Set		
XSW35	Vocal Set (Dynamic, Cardioid)		
XSW65	Vocal Set (Condenser, Super-Cardioid)		

Sennheiser Wired Microphones
E8/9 Series

E835 /E835S
Dynamic Cardioid Mic
Isolates handling noise, hum compensating coil
On/Off switch (E835S)

Code	Trade	Offer
E835		
E835S		

E845 /E845S
Dynamic Super-Cardioid Mic
Isolates handling noise, hum compensating coil
On/Off switch (E845S)

Code	Trade	Offer
E845		
E845S		

E865 /E865S
Super-Cardioid Condenser Mic
Distortion-Free Reproduction
High handling noise rejection
On/Off switch (E865S)

Code	Trade	Offer
E865		
E865S		

E935
Dynamic Cardioid Mic
Highly Consistent Directivity
Hum Compensating Coil
Shock Mount Capsule

Code	Trade	Offer
E935		

E945
Dynamic Super-Cardioid Mic
Highly Consistent Directivity
Hum Compensating Coil
Shock Mount Capsule

Code	Trade	Offer
E945		

E965
Large Diaphragm True Condenser Mic
Highly Consistent Directivity
Hum Compensating Coil
Shock Mount Capsule

Code	Trade	Offer
E965		

Sennheiser Instrument Microphones
600 Series

E602II
Dynamic Cardioid Microphone
Suitable for Toms, Snares & Percussion
Hum Compensating Coil

Order Code	Trade	Offer
E602II		

E604
Cardioid Dynamic Microphone
Suitable for Kick Drum, Bass Guitar & Tubas
Hum bucking Coil

Order Code	Trade	Offer
E604		

E608
Dynamic Super-Cardioid Microphone
Suitable for Brass, Drums & woodwind
Hum compensating Coil

Order Code	Trade	Offer
E608		

E609
Super Cardioid Microphone
Suitable for Miking Drums & Especially Toms
Hum Compensating Coil

Order Code	Trade	Offer
E609		

E614
Super-Cardioid Electric Condenser Microphone
Suitable for woodwind, Strings & Home Recordings
Designed for high sound pressure levels

Order Code	Trade	Offer
E614		

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All products available with 1 YEAR WARRANTY

NEW

APart

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

Apart Column Speakers

COLS41

20W @ 100V Line – Tapping's 20 – 10 – 5
4 x 2" Full range
+ 1 x 1" Tweeter
IP Rate – IP66
Dimensions:
400 x 66 x 66mm (HxWxD)

Code	Trade	Offer
COLS41		

COLS81

30W @ 100V Line – Tapping's 30 – 15 – 6
8 x 2" Full range
+ 1 x 1" Tweeter
IP Rate – IP66
Dimensions:
613 x 66 x 66mm (HxWxD)

Code	Trade	Offer
COLS81		

COLS101

40W @ 100V Line – Tapping's 40 – 20 – 10
10 x 2" Full range
+ 1 x 1"Tweeter
IP Rate – IP66
Dimensions:
723 x 66 x 66mm (HxWxD)

Code	Trade	Offer
COLS101		

APART MASK SERIES SPEAKERS

MASK2B | MASK2W | MASK4TB | MASK4TW | MASK4TSLV | MASK6TB | MASK6TW

MASK2's
50W @ 8Ω
Freq: 120 - 20000Hz
(without sub)
Speaker type:
Full range 2.5" speaker
Dims H x W x D mm:
94 x 82 x 108
Distance from wall: approx. 30mm

MASK4's
20W @ 100V Line –
Tapping's 10 – 5 – 2.5
50W @ 16 Ohm
Push Terminal Connections
4.2" Woofer 1" Tweeter
Dimensions: 223x129x130mm
(HxWxD)

MASK6's
60W @ 100V line –
Tapping's 30 – 15 – 6W
150W @ 16 Ohm
Push Terminal Connections
6.5" Woofer
1" Tweeter
Dimensions: 315x175x195mm
(HxWxD)

Order Code	Trade	Offer
MASK2B	PAIRS	
MASK2W	PAIRS	
MASK4TB	PAIRS	
MASK4TW	PAIRS	
MASK4TSLV	PAIRS	
MASK6TB	PAIRS	
MASK6TW	PAIRS	

Apart Ceiling Marine Speakers

CMAR5W
25W RMS @ 8 Ohms
Freq. Response –
100Hz – 20Khz
Cut Out – 110mm
IP Rate – IP65

CMAR6W
30W RMS @ 8 Ohms
Freq. Response –
70Hz – 20Khz
Cut Out – 146mm
IP Rate - IP65

CMAR8W
50W RMS @ 8 Ohms
Freq. Response –
50Hz – 20Khz
Cut Out – 186mm
IP Rate - IP65

Order Code	Trade	Offer
CMAR5W		
CMAR6W		
CMAR8W		

Das CL Series
Ceiling Speakers

DASCL5 Freq Range (-10 dB): 70 Hz-15 kHz
Diameter: 16.6 cm Weight: 0.725 kg
DASCL6 Freq Range (-10 dB): 60 Hz-20 kHz
Cut-Out Diameter: 19.4 cm Weight: 1.19 kg
DASCL8 Freq Range (-10 dB): 50 Hz-20 kHz
Diameter: 23.8 cm Weight: 1.58 kg

Order Code	Description	Trade	Offer
DASCL5	20W 8 Ohm		
DASCL5T	6W 100V		
DASCL6	40W 8 Ohm		
DASCL6T	15W 100V		
DASCL8	60W 8 Ohm		
DASCL8T	30W 100V		

CONCEPT1
Apart 2 Channel Mixer Amplifier

Apart 2 Channel Amplifier
Both channels driven : 4 ohm 80 W + 80 W
RS232
CONCEPT1-TKIT
Maximum 60 Watts of 100 V speaker per output

Order Code	Trade	Offer
CONCEPT1		
CONCEPT1-TKIT		

PC1000RMKII
Apart Professional CD Player

Audio CD, CDR, CDRW, DVD, DVDR, DVDRW
Flash memory sticks and cards, 32Mb upto 32GB
Line level output (balanced & unbalanced)
Digital outputs (Toslink and Coax): SPDIF format, 16BIT, 44.1KHz
Cue Facility

Order Code	Trade	Offer
PC1000RMKII		

Apart 2 way Powered Speakers

SDQ5P-BL | SDQ5P-W

2 x 30W Loudspeakers
5.25" Woofer
IP Rate – IP40
One Active, One Passive
Black or White available

Order Code	Trade	Offer
SDQ5-PB		
SDQ5-PW		

Apart Rock Loudspeaker

ROCK20
20W @ 8 Ohm or 100V Line – Tapping's 20 – 10 – 5 – 2.5
Frequency Response – 60Hz to 20Khz
6.5" Woofer IP Rate – IP64 · Dimensions – 260 x 200 x 280mm (HxWxD)

ROCK608
40W @ 8 Ohm
Frequency Response – 60Hz to 20Khz
6.5" Woofer IP Rate – IP64 · Dimensions – 260 x 200 x 280mm (HxWxD)

Order Code	Trade	Offer
ROCK20		
ROCK608		

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All products available with 2 YEAR WARRANTY

DENON marantz PROFESSIONAL

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

NEW

Denon DN500AV
Professional Network Audio Player

XLR 7.1ch Pre output
6-HDMI inputs and 1 output
Supports WMA, MP3, WAV, MPEG-4 AAC, FLAC, JPEG files
RS-232c serial / IP controllable
IR controllable with included IR remote control

Code	Trade	Offer
DN500AV		

Denon DN700H
Pofessional Network Audio Player

Stream network audio (P, NAS) via DLNA
AM/FM, Access 20,000+ Internet radio stations
WMA, MP3, WAV, MPEG-4 AAC, FLAC
RS232c serial controllable

DENON 2 YEAR GUARANTEE

Code	Trade	Offer
DN700H		

Denon DN-F300
Solid State Audio Player

Media playback mediums include both
SD/SDHC cards (up to 32 GB) and USB
±16% pitch control; Tempo adjust
Master level control, Removable rack ears

Code	Trade	Offer
DNF300		

DN-A100P
2x 70W Integrated Amplifier

70w per channel (4ohms)
2 speaker circuits with A/B switching
5 line inputs - RCA/ Cinch
Phono input (mm)

Order Code	Trade	Offer
DNA100P	2x 70W Integrated Amplifier	

DN-A300P
2x 100W Integrated Amplifier

100w per channel (4ohms)
2 speaker circuits with A/B switching
5 line inputs – RCA/ Cinch
Microphone Mixing

Order Code	Trade	Offer
DNA300P	2x 100W Integrated Amplifier	

DN-C110P
Single Disc CD Player

MP3/WMA file playback
Optical Digital Output
Program Playback
Random Playback

Order Code	Trade	Offer
DNC110P		

DN500C
Professional CD / iPod Player

CD and WAV, MP3 playback
Retractable front iPod Dock
Pitch control (CD) function
Automatic BPM counter and display

Order Code	Trade	Offer
DN500C		

DN-U100P
AM-FM Stereo Tuner

FM & AM band tuner
RDS (radio data system)
Auto & Manual tuning
Last Function Memory

Order Code	Trade	Offer
DNU100P		

DN-C620
Rack Mount Pro CD Player

Supports CD-DA, WAVE,MPEG-1/2 Layer III
+/- 12% Pitch Control
Cue to Music (with dedicated button)
Balanced Audio Output (XLR)

Order Code	Trade	Offer
DNC620		

DN-D4500
Pro Dual CD/MP3 Player

Key Adjust/Master Tempo: (CD or MP3)
Auto BPM Counter (CD or MP3)
Cue Stutter (CD or MP3)
24-bit DA converter

Order Code	Trade	Offer
DND4500		

DN-X500
Professional DJ Mixer

8 Line / 2 Phono Switchable
4 Smooth 60mm VCA Channel Faders
Independent 3-Band EQ Kill, EQ On/Off Switch
Compact 4U Rack Space

Order Code	Trade	Offer
DNX500		

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All products available with 1 YEAR WARRANTY

adastra CITRONIC Professional Audio

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

Screened Microphone / Instrument Cable

CSA: 0.16mm
Strands: 2 x 20/0.1mmØ
Dimensions: 6.5mmØ

Code	Trade	Offer
803.680		

Figure 8 Loudspeaker Cable

F045: CSA: 1.32mm
Strands: 2 x (22 x 0.18mmØCu + 20 x 0.18mmØCCA)
Dimensions: 3.0 x 6.0mm
Sheath: White Polarity: Black
Packed: Reel

F046: CSA: 2.50mm
Strands: 2 x (40 x 0.18mmØCu + 39 x 0.18mmØCCA)
Dimensions: 4.0 x 8.0mm
Polarity: Black Packed: Reel

Code		Trade	Offer
F045	White		
Z242B	Black		
F046	White		
Z279B	Black		

General Loudspeaker Cable

801.818UK: CSA: 1.15mm
Dimensions: 7.8mmØ Sheath: Black
801.879UK: CSA: 2.01mm
Dimensions: 8.8mmØ Sheath: Black

Code	Trade	Offer
801.818UK 1.15mm		
801.879UK 2.01mm		

General Loudspeaker Cable

CSA: 0.75mm
Strands: 2 x 24/0.2mmØ
Cable dims: 5.8mmØ
Current: 6.0A max. Length: 100m

Code		Trade	Offer
804.323	White		
804.326	Black		

General Loudspeaker Cable

CSA: 0.75mm
Strands: 2 x 24/0.2mmØ
Cable dims: 3.6 x 5.9mm
Current: 6.0A max. Length: 100m

Code		Trade	Offer
804.311	White		
804.314	Black		

Mixer Amplifiers

5 input channels. Switchable phantom power (XLR)
Switchable VOX mic priority
8 Ohms & 100V line outputs. Bass & Treble EQ
Integrated USB/SD Audio player

Order Code	Trade	Offer
953.110	60W	
953.111	120W	
953.112	240W	

Slave Amplifiers

4 Ohms or 100V line
Soft-knee output limiter, Multi-speed cooling fans
Switchable 110/240Vac, 50/60Hz (IEC)
Dimensions 483 x 44 x 325mm (1U)

Order Code	Trade	Offer
952.908	120W	
952.911	250W	

Portable PA Unit

Echo effect for microphones
2 x VHF handheld microphones inc.
Integral USB/SD media player
Mains/rechargeable operation. Rugged ABS case

Order Code	Trade	Offer
178.843		

Low Profile Ceiling Mic

Phantom powered (9 - 52Vdc)
Excellent frequency response
Balanced output (XLR male connection)
Omnidirectional condenser microphone

Order Code	Trade	Offer
952.345		

Background Speakers

13.1cm Woofer and 1.25cm Dome Tweeter
5/10/20/40W 100V and 8 , by rotary switch
Weatherproof IP35, Power: 8 Ω 190W; RMS: 8 65W
SOLD INDIVIDUALLY

Order Code	Trade	Offer
952.961	White	
952.963	Black	

2 Way Ceiling Speakers

952.184 20 Watt @ 100V, 40 Watt @ 8 Ohm
952.153 20 Watt @ 100V, 50 Watt @ 8 Ohm
952.155 50 Watt @ 100V, 60 Watt @ 8 Ohm
Tappings: 2.5, 5, 10, 15, 20W & 8 ohms

Order Code	Trade	Offer
952.184	5.25"	
952.153	6.5"	
952.155	8"	

MASSIVE SAVINGS...

across our **Exclusive TIBO Range**

TIBO

EDGE 200
200W Speakers
EDGE 500
500W Speakers

EDGE 200 Floor standing
2 way bass reflex
200 Watts output RMS

EDGE 500 Floor standing
3 way bass reflex
500 Watts output RMS

Order Code	Trade	Offer
EDGE200		
EDGE500		

TI410 SYSTEM
Pro Hi-Fi Package

Bluetooth
Stereo Amp
2 x 50 Watts
Floor standing 3 way bass reflex speakers
400 Watts output power
DAB band III
DAB-L band/FM
CD/CD-R format
Mp3 playback

Bluetooth

Order Code	Trade	Offer
TI410SYSTEM		

TI410 AMP
Stereo Amplifier

Bluetooth

Stereo Amp 2 x 50 Watts
Bluetooth
6 x line inputs
Remote control

Order Code	Trade	Offer
TI410AMP		

TI410 DAB
DAB Tuner

DAB band III DAB-L band/FM
10 station preset
Remote control

Order Code	Trade	Offer
TI410DAB		

TI410 CDP
CD Player

Frequency response
CD/CD-R format
Mp3 playback
Remote control

Order Code	Trade	Offer
TI410CDP		

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Don't forget to order...

PM4/8SA PAGING MICS WITH SPOT ANNOUNCER

Individual and Multiple Zone Selection by Mic or Message
Remote Message Trigger Contacts (NO/NC Contacts) for PIRs, Timer, DVR/Cameras
User Definable WMA & MP3 Recordable Message - any length
Definable Zone Groups with Group Selection
Pre-Announcement Chime (recordable on SD Card)
Configurable 2-Layer Announcement Priority
Zone Disable Function

Code	Trade
PM4SA	
PM8SA	

LE1B/W LINE INPUT MODULE

Stereo RCA Line Inputs
3.5mm Stereo Jack Input
Compatible with DCM1 Digital Control Zone Mixer
Compatible with DCM1e Ethernet Digital Control Zone Mixer

Code	Trade
LE1B	
LE1W	

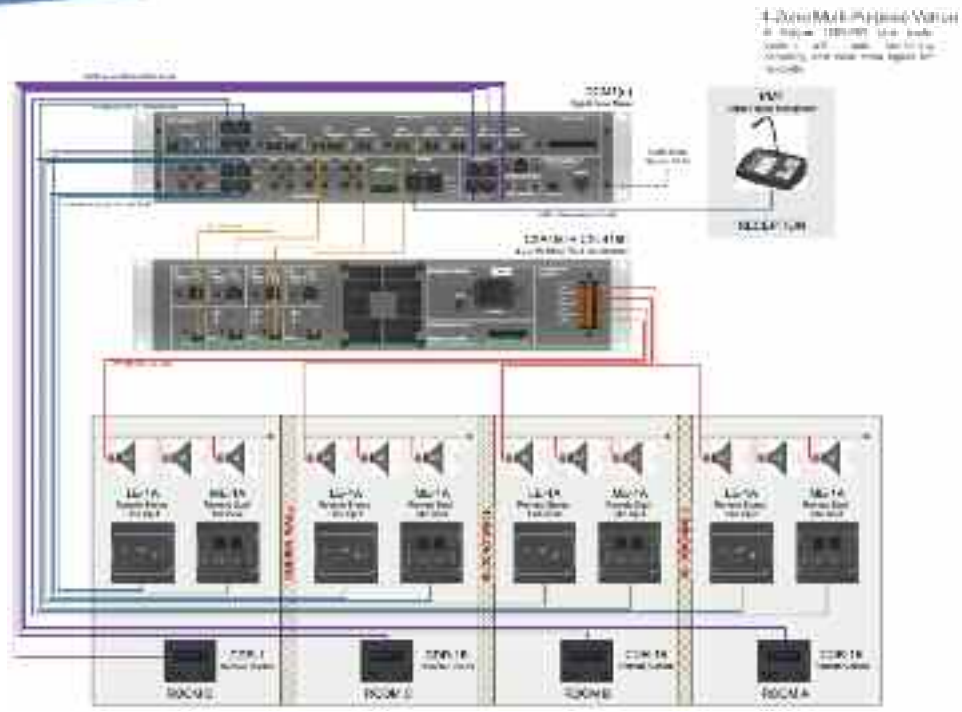
ME1B/W MICROPHONE INPUT MODULE

Dual Microphone Inputs
Dual Microphone Gain Controls
Compatible with DCM1 Digital Control Zone Mixer
Compatible with DCM1e Ethernet Digital Control Zone Mixer

Code	Trade
ME1B	
ME1W	

All products available with 1 YEAR WARRANTY

cloud



DCM1 - 8 Zone Digital Mixer
DCM1E - Ethernet 8 Zone Digital Mixer

DCM1E
8 Stereo Line Inputs (1 Balanced)
8 Balanced Line Outputs (2 Stereo + 6 Mono)
4 Dedicated RJ-45 Ports for optionalLine Inputs (LE-1)
4 Dedicated RJ-45 Ports for optional Mic Input Sockets (ME-1)
Microphone Paging to all or any zone with fully programmable override logic
Separate analogue paging Microphone Input with analogue contact closure selection
Configurable remote Controls (CDR-1)
Configurable Line Priority by Zone
RS-232 Interface for Crestron/Other Control
Ethernet Connection Socket and Web Server for PC,Tablet & Mobile Device Control
Accepts Bose, Amina and Active Audio EQ cards

8 Stereo Line Inputs (1 Balanced)
8 Balanced Line Outputs (2 Stereo + 6 Mono)
4 Dedicated Ports for Optional Line Inputs (LE-1)
4 Dedicated Ports for Optional Mic Inputs (ME-1)
Mic Paging to all Zones with Fully Programmable Override Logic
Configurable Multiple Remote Controls
EQ can be set by Remote Controls
Configurable Line Priority by zone
Remote Active Line and Mic Modules (LE-1, ME-1 & BE-1)
RS232 Interface for AMX/Crestron

Code	Trade
DCM1	
DCM1E	

CDR1B & CDR1W
Surface Control Panel

Enables remote control of Cloud's DCM-1 and DCM-1E Digitally Controlled Mixer
Simple to install - connects to DCM-1 and DCM-1E using standard CAT-5 cable
Can be interconnected using a wide choice of wiring topologies
User accessible functions:
Source selection
Level control
Group enable/disable
Installer mode (Enabled by internal jumper):
Zone assignment
Password setting
Display adjustment
Inactivity time (time for which display backlight remains lit after a button is pressed)

Order Code	Trade
CDR1B	
CDR1W	

CDR1FB/W/S
Flush Control Panel

Enables remote control of Cloud's DCM-1 Digital Control Mixer
Simple to install - connects to DCM-1 and other CDR1/1F's using standard CAT-5 cable
Can be interconnected using a wide choice of wiring topologies
User accessible functions:
Source selection · Level control
Group enable/disable
Installer mode (Enabled by internal jumper):
Zone assignment · Password setting · Display adjustment
Inactivity time (time for which display backlight remains lit after a button is pressed)

Order Code	Trade
CDR1FB	
CDR1FW	
CDR1FS	

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All products available with 2 YEAR WARRANTY

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Don't forget to order...

RSL6 REMOTE SOURCE SELECT
RL1 REMOTE LEVEL CONTROL

RSL-6 Remote Source Select
Remote Music Source Select and Level Control compatible with Z4ii, Z8ii, CX263, CX261, 46/50, 36/50

RL-1 Remote Level Control
Remote Level Control compatible with Z4ii, Z8ii, CX263, CX163, 46/50, 36/50, CXV225 and CXV425

Code		Trade
RSL6	BLACK	
RSL6W	WHITE	
RL1		

LM1 ACTIVE MODULE PLATE
CXL40T TOROIDAL TRANSFORMER

LM2 Active Module Plate
Inputs for balanced mic and stereo line. Individual level controls for mic and music. Mic can override.

CXL40T Toroidal Transformer
40W 100/70 volt toroidal transformer compatible with 46/50, 36/50, CXA450 and CXA850.

Code	Trade
LM2 (MK3 Version mixers)	
CXL40T	

CXL3120 TRANSFORMER MODULE
CXL4160 TRANSFORMER MODULE

CXL3120 Transformer Module
3 x 40W, 100V or 70V transformer module for internal use in 36/50

CXL4160 Transformer Module
4 X 40W 100V or 70V transformer module for internal use in 46/50 and CXA450

Code	Trade
CXL3120	
CXL4160	

Z4CLOUDMK3
4 Zone Mono Mixer

6 line inputs with preset gain controls
Line 6 priority, can be selected on a zone by zone basis
Facility input is available on all zones
2 Mic inputs with volume controls on front panel
Input for paging Mic with priority and zone selection

Order Code	Trade
Z4CLOUD	

Z8CLOUDMK3
8 Zone Mono Mixer

6 line inputs with preset gain controls
Line 6 priority, can be selected on a zone by zone basis
Facility input is available on all zones
2 Mic inputs with volume controls on front panel
Input for paging Mic with priority and zone selection

Order Code	Trade
Z8CLOUD	

Cloud VTX Series Amplifiers

Front panel LEDs for power status, signal presence, peak level and protection. Balanced line level inputs with gain trim
Per channel switched hi-pass filter (18dB/oct below 65Hz)
Compatible with RL1 remote volume control

Order Code		Trade
VTX4120	4 x 120W	
VTX4240	4 x 240W	
VTX4400	4 x 400W	
VTX-WM1	Network Card	

Cloud PM Series Paging Mics

Pre-announcement chime with internal chime sounder
"Talk" and "Call-all" buttons, "Busy" LED
Zone disable function
Paging Mics with Spot Announcer available on request

Order Code		Trade
PM1	1 Zone	
PM4	4 Zone	
PM8	8 Zone	
PM12	12 Zone	
PM16	16 Zone	

36/50
2 Zone Mixer Amp

Features: 2 zone mixer/amplifier with utility output
6 line inputs, 1 mic input with paging options for zones 1, 2 and utility output
Music level and source selection with remote RSL-6
3 x 50W for Z1, Z2 and utility output with dynamic clip limiters on every amplifier
Optional 3 x 40W 100V or 70V internal module (CXL-3120)

Order Code	Trade
36/50	

46/50
4 Zone Mixer Amp

4 zone mixer/amplifier, 4 x 50W with dynamic clip limiters on every zone
Mic 1 priority over Mic 2
Line 6 input priority (zone 1 only) with adjustable release
6 line inputs, 2 Mic inputs with voice operated priority over the music
Optional 4 x 70W 100V or 70V internal module (CXL-4160)

Order Code	Trade
46/50	

CXA450 4 Channel, 4x50W Amp
CXA850 8 Channel, 8x50W Amp

Optional external 40W 70V or 100V line transformer module available (CXL-40T)
Optional is a 4 x 40W 70V/100V internal module (CXL-4160) - CXA450
LED indicators for signal, clip and protect - CXA450
Optional modules for remote level control of any channel, VCA-5 - CXA850
Comprehensive protection circuitry including dynamic clip protection - CXA850

Order Code		Trade
CXA450	4 Channel, 4x50W Amplifier	
CXA850	8 Channel, 8x50W Amplifier	

CXV225 2 x 250W Amplifier 100V
CXV425 4 x 250W Amplifier 100V

CXV225	CXV425
2 x 250W, Transformer-less topology,	4 x 250W, Transformer-less topology
EQ card option, VCA option	EQ card option
Variable high pass filter	Thermal Protection

Order Code		Trade
CXV225	2 x 250W Amplifier 100V	
CXV425	4 x 250W Amplifier 100V	

CX163
2 Zone Stereo Mixer

6 stereo line inputs
Line 6 priority over other input sources in zone 1 only
Remote music mute
Microphone access contacts for paging to all 3 zones
Both stereo zones can be configured to run as mono

Order Code	Trade
CX163	

CX261
Six (unbalanced) Stereo Line Inputs

6 (unbalanced) stereo line inputs with individual gain
Two electronically-balanced mic inputs
MIC 1 configurable as line input. MIC 1 priority over MIC 2
Selectable LINE 6 priority with choice of release times
Transformer-isolated mono auxiliary output.
Aux output source selection.

Order Code	Trade
CX261	

CX263
3 Zone Mixer

1 stereo zone and 2 mono zones
Line 6 priority over other input sources in all zones
Remote music mute
Paging mic access for Mic 1 only, Mic over music priority
Front panel gives Mic 1 level, Mic 2 level, music level and music source

Order Code	Trade
CX263	

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Don't forget to order...

MB3K / MB4K
Vocal Microphones

Extended frequency response
Rugged all-metal construction
Hi-ENERGY neodymium magnet for improved output and transient response
MB3K: Dynamic MB4K: Condenser

Code	RRP	Trade
MB3K		
MB4K		

AT8646QM / AT8647QMS
Non-Switched / Switched

Effective reduction of mechanical noise and vibration
XLRF connector mount
Lighted mute switch - AT8647QMS only

Code	RRP	Trade
AT8646QM		
AT8647QMS		

ES945W / ES945
Condenser Microphone

Polar Pattern:
Omni-directional
Frequency Response:
40-18,000 Hz
Impedance: 200 ohms
Phantom Power Req's:
11-52V DC, 2 mA typical

Code	RRP	Trade
ES945		
ES945W		

All products available with 1 YEAR WARRANTY

audio-technica.

2000A Series
racked systems

CHANNEL 38 READY

Select from 3 system variations:
ATW-2420a: 4 handheld transmitters
ATW-2410aP: 4 tie-clip microphones with belt-pack transmitters
ATW-2421aP: 2 handheld and 2 tie-clip microphones with belt-pack transmitters

Order Code	RRP	Trade
ATW2420A		
ATW2410AP		
ATW2421AP		

4 channels of 2000a series wireless systems and professional antenna distribution system all pre racked into a high quality flight case. All system settings are preprogramed into the units so all you need to do is plug in and turn on. All systems come with a padded shoulder bag for safely storing the microphone and belt pack transmitters.

2000 Series
UHF 10 Channel Radio Mic System

CHANNEL 70 READY

Operating Frequency: 856.100 to 864.900 MHz
Number of Channels: 10 total
Frequency Response: 100 Hz to 15 kHz
ALSO AVAILABLE CHANNEL 38

Order Code	RRP	Trade
ATW2120	H/Held	
ATW2110A/P	Lapel	
ATW2110A/P1	Lapel	
ATW2110A/H	Headset	

ATH-M
series headphones

Driver Diameter: 40 mm
Magnet: Neodymium
Frequency Response: 30-20,000 Hz (ATH-M20) 20-20,000 Hz (ATH-M30)
Maximum Input: 1,200 mW at – kHz (ATH-M20) 1,600 mW at – kHz (ATH-M30)
Sensitivity: 98 dB (ATH-M20) 100 dB (ATH-M30)
Impedance: 40 ohms (ATH-M20) 65 ohms (ATH-M30)

Order Code	RRP	Trade
ATH-M20		
ATH-M30		

SYSTEM 10
2.4 GHZ Microphone Systems

2.4 GHZ

Digital 24-bit/48 kHz wireless operation for ultimate sound quality and dependable performance
2.4 GHz range - completely free from TV interference
Automatic frequency selection for seamless, interference-free operation
Balanced XLR and unbalanced 1/4" output jacks with level control

Order Code	RRP	Trade
ATW1101	Beltpack System	
ATW1102	Handheld System	
AT829AW	Lapel Mic Only	
PRO8HECW	Head Mic Only	

AT-LP120USB
USB Professional Turntable

USB output—connects directly to your computer for plug-&-play use
Mac- and PC-compatible Audacity software digitizes your LPs
Selectable 33/45/78 RPM speeds
Professional cast aluminum platter with slip mat
Balanced tone arm with soft damping control
Switchable built-in pre-amplifier with line-level RCA output cables
Stroboscopic platter speed indicator

Order Code	RRP	Trade
AT-LP120USB	H/Held	

PROPOINT
Audio Technica Propoint Microphone Range

PRO42 / PRO44
Propoint Microphones

Polar Pattern: Half Cardioid
Max Input Sound Level:
134dB PRO42, 114dB PRO44
Dynamic Range:
105dB PRO42, 86dB PRO44

PRO45 / PRO45W
Propoint Microphones

Polar Pattern Cardioid
Max Input Sound Level 134dB
Signal to Noise Ratio 66dB
Dynamic Range 106dB
Phantom Power 9-52V DC

PRO47T / PRO47TL
Propoint Microphones

Polar Pattern: Cardioid
Max Input Sound Level: 134dB
Signal to Noise Ratio: 66dB
Dynamic Range: 106dB
MAX.length (PRO47T) = 315.0mm
MAX.length (PRO47TL) = 401.0mm

PRO49Q / PRO49QL
Propoint Microphones

Polar Pattern: Cardioid
Max Input Sound Level: 134dB
Signal to Noise Ratio: 66dB
Dynamic Range: 106dB
MAX.length (PRO49Q) = 332.0mm
MAX.length (PRO49QL) = 418.0mm

Order Code	RRP	Trade
PRO42		
PRO44		
PRO45		
PRO45W		
PRO47T		
PRO47TL		
PRO49Q		
PRO49QL		

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Don't forget to order...

KWM1960 Series KAM Dual UHF Systems

KWM1960HH

Channel 70 & 38 Available
2x Freq's: 863-865 and 606-614MHz
Automatic frequency scan feature
Preset 16 non-interference channels
50 meters range

KWM1960BP

Channel 70 & 38 Available
2x Freq's: 863-865 & 606-614MHz
Automatic frequency scan feature
Preset 16 non-interference channels
50 meters range

Code	Trade	Offer
KWM1960HH Ch70		
KWM1960HH-38 Ch38		
KWM1960BP Ch70		
KWM1960BP-38 Ch38		

Tascam CD500 1U CD PLAYER

Slot-loading mechanism
RCA unbalanced output
Optical and Coaxial S/PDIF digital outputs
All, single, random, A/B and 99-track program play
Incremental play
Track elapsed, track remain, disc remain time display
Call function: return to last play start point
Intro check
Fade in/out (0 to 10 sec., in 0.5 sec. steps)
Power on playFrame-accurate search
Skip back play
Activate or deactivate the wireless remote
Relay play with multiple units through 1/8" relay in/out jack
Index search (CD-DA discs) and directory search (MP3 discs)
Mono output
Resume

Code	Trade	Offer
CD500		

HBL are proud to introduce KAM's New Range of Microphone Systems

Kam KXR Power Amplifiers

10 YEAR WARRANTY

ALL AMPLIFIERS COME WITH A 10 YEAR WARRANTY

Outstanding build quality and reliability
Thermally efficient central heat sink design
Vented front panel with forced fan cooling
Thermal protection relay
Peak signal protection
Balanced XLR audio inputs
Unbalanced 1/4 inch jack audio inputs
Speakeron and binding post speaker outputs

Code	Power per CH	Weight
KXR150	75w	6.5kg
KXR300	150w	7kg
KXR600	300w	10kg
KXR1000	500w	12kg
KXR1500	750w	18kg
KXR2000	1000w	18.5kg

Code	Trade	Offer
KXR150		
KXR300		
KXR600		
KXR1000		
KXR1500		
KXR2000		

Provided with 1 YEAR WARRANTY

TASCAM

CD200I CD Player With iPod Dock

Plays audio CDs, MP3 CDs and WAV file CDs
Repeat All and Repeat Single
±12% pitch control (analogue outputs)
RCA unbalanced line outputs

Order Code	Trade	Offer
CD200I		

CD200BT Professional CD Player with Bluetooth

Plays audio CDs, MP3 CDs and WAV file CDs
Repeat all and repeat single
Built in Bluetooth
+ / - Pitch Control (analogue outputs)
RCA Unbalanced line outputs

Order Code	Trade	Offer
CD200BT		

DVD01U Pro DVD Player

Accepts multiple DVD and CD formats: DVD Video; DVD Audio;
VCD (VideoCD) SVCD, CD-DA
HDCP compliant (encryption standard)
S-Video output & Component video output

Order Code	Trade	Offer
DVD01U		

CD200SB Solid State CD Player

CD Player, WAV, MP3, MP2, WMA
±14 % pitch control
Direct Access Keys for 10 selectable Folder
on SD/SDHC/USB Memory

Order Code	Trade	Offer
CD200SB		

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All products available with
1 YEAR WARRANTY

VISION

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

1-PHONO

Code	Description	Offer
TC2-5M1PHO		
TC2-10M1PHO		
TC2-15M1PHO		
TC2-20M1PHO		

2-PHONO

Code	Description	Offer
TC2-5M2PHO		
TC2-10M2PHO		
TC2-15M2PHO		
TC2-20M2PHO		

3.5mm Mini-Jack

Code	Description	Offer
TC2-5M3.5MM	5m	
TC2-10M3.5MM	10m	
TC2-15M3.5MM	15m	
TC2-20M3.5MM	20m	

VGA

Code	Description	Offer
TC2-5MVGA	5m	
TC2-10MVGA	10m	
TC2-15MVGA	15m	
TC2-20MVGA	20m	

S-Video

Code	Description	Offer
TC2-5MSVID	5m	
TC2-15MSVID	15m	

TC2-LT+LT10M
Module and Cable Package

NEW

Module Package: 1 x 2-Gang UK Backbox (surface mount)
1 x 2-Gang Surround (accommodates 5 modules)
1 x VGA with Minijack Module
1 x USB (B-type on front) Module
1 x 3-Phono Module
3 x Blanking panels Module

Cable Package: 1 x VGA Cables
1 x Minijack Cable
1 x 1-phono (RCA) Cable for Composite Video
1 x 2-phono (RCA) Cable for Stereo Audio

Code	Trade	Offer
TC2-LT+LT10M		

TC2-CTL2
Learning IR Control

Learning IR module
Can control up to three devices simultaneously
Interchangeable buttons and optional mains power

Code	Trade	Offer
TC2-CTL2		

TC2-AMP3
2 x 20w Digital Amplifier

Extremely small 2 x 20w (RMS) at 8 ohms Digital Amplifier
2 x Stereo inputs (Input 1 is duplicated on front and rear)
IR Remote control included

Code	Trade	Offer
TC2-AMP3		

Vision Modular Faceplate System

	Code	Trade	Offer
1	TC2-BLANK	Blank module	
2	TC2-1PHO	1-Phono module	
3	TC2-3PHO	3-Phono module	
4	TC2-HDMI	HDMI module 1.4	
5	TC2-RJ45	RJ45	
6	TC2-2RJ45	Twin RJ45 module	
7	TC2-USBB	USB-b module	
8	TC2-VGAF3.5MM	VGA+3.5mm module	
9	TC2-SVID2PHO	S-Vid+2-pho module	
10	TC2-SPEAKER	Speaker module	
11	TC2-SPEAKON	Speakon module	
12	TC2-TOSLINK	Toslink Digital Audio	
13	TC2-3.5MM	3.5mm	
14	TC2-3.5MMVOL	3.5mm Vol module	
15	TC2-2PHO	2-Phono	
16	TC2-2PHOVOL	2-Phono Vol module	
17	TC2-PWRUK	UK Power module	
18	TC2-BNC	BNC module	
19	TC2-RF	RF aerial module	
20	TC2-F	F module	
21	TC2-BACKBOX1G	White 1-Gang Backbox	
22	TC2-BACKBOX2G	White 2-Gang Backbox	
23	TC2-SURR1G	White 1-Gang Surround	
24	TC2-SURR2G	White 2-Gang Surround	

Double plate fits 5x small modules

Single plate fits 2x small modules

UK socket amplifier and IR Control are all two modules

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All products available with 1 YEAR WARRANTY

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

Penn Elcom Castors, 4 Pack Cagenuts, Screws and Washers, 50 Pack

Code		Trade	Offer
R8480	4 Castors		
SCRP24	Pack of 50		
17-086-10	Lock/Keys		

Penn Elcom Slide & Rotate Racks

Slide & Rotate Rack System with cable management bar is designed for greater accessibility to rack mount equipment and cables. This rack can be housed inside enclosed spaces by bolting/screwing the enclosure base plate down to a solid surface.

Code	Trade	Offer
R8010-6		
R8010-8		
R8010-12		
R8010-16		
R8010-20		

Penn Elcom Contractor Racks

Front & Rear Mounting Rails
Well Ventilated Top/Base Front and Sides sections
Black Textured Coated Zinc plated Steel
Pre-Punched For Contractor Castor bas Kit

Code	Trade	Offer
R12C600		
R16C600		
R20C600		

Penn Elcom 19" Equipment Racks

Part No.	Description	Depth	Height	Weight
R8400-06	6U Frame	480mm	320mm	10.5Kg
R8400-08	8U Frame	480mm	409mm	14Kg
R8400-10	10U Frame	480mm	489mm	15.5Kg
R8400-12	12U Frame	480mm	587mm	17Kg
R8400-16	16U Frame	480mm	766mm	21Kg
R8400-20	20U Frame	480mm	943mm	25Kg
R8400-24	24U Frame	480mm	1120mm	29Kg
R8400-28	28U Frame	480mm	1298mm	33Kg
R8400-35	35U Frame	480mm	1580mm	37.5Kg

Order Code		Trade	Offer
R8400/06	6U		
R8400/08	8U		
R8400/12	12U		
R8400/16	16U		
R8400/20	20U		
R8400/24	24U		
R8400/28	28U		
R8400/35	35U		

Penn Elcom Lockable PlexiGlass Doors

Order Code		Trade	Offer
R8450/06	6U		
R8450/08	8U		
R8450/12	12U		
R8450/16	16U		
R8450/20	20U		
R8450/24	24U		
R8450/28	28U		
R8450/35	35U		

Penn Elcom Lockable Vented Doors

Order Code		Trade	Offer
R8460/06	6U		
R8460/08	8U		
R8460/12	12U		
R8460/16	16U		
R8460/20	20U		
R8460/24	24U		
R8460/28	28U		
R8460/35	35U		

Penn Elcom Wall Mount Rack

Wall Mount Rack Enclosure, with Removable Side Panels

Quick release, Tempered Glass Lockable Front Door

Order Code		Trade	Offer
WM6406BK	6U		
WM6409BK	9U		
WM6412BK	12U		
WM6418BK	18U		

Penn Elcom Blanking Plates and Venting Panels

Order Code		Trade	Offer
R1285/1UK	1U Blank		
R1285/2UK	2U Blank		
R1285/3UK	3U Blank		
R1285/4UK	4U Blank		
R1279/1UK	1U Vent		
R1279/2UK	2U Vent		
R1279/3UK	3U Vent		
R1279/4UK	4U Vent		

Penn Elcom Rack / Vented Shelves

Order Code		Trade	Offer
R1194/1UK	1U Shelf		
R1194/2UK	2U Shelf		
R1194/3UK	3U Shelf		
R1194/4UK	4U Shelf		
R1194/2UVK	2U Vented		
R1194/3UVK	3U Vented		

Penn Elcom Lockable Drawers

Lockable Rack Drawers

2U, 3U or 4U Available

Order Code	Size	Trade	Offer
R1292K	2U Drawer		
R1293K	3U Drawer		
R1294K	4U Drawer		

Penn Elcom Rack Mount Distribution Unit

6 Way distribution unit
19" rack mountable

Order Code	Trade	Offer
PDU-BS-6B		

Penn Elcom FT01Q Coolrac

Quiet & versatile rack fan unit.
Can either draw in or expel air from the front or the back of the rack
Low Noise (24.4 dBA)
Ideal for Studio Racks & Churches
12V DC Operation
450mA

Order Code	Trade	Offer
FT01-Q		

Penn Elcom Anti-Tamper Vision Covers

These anti-tamper covers have been specially designed to fit over most 19 inch rack mounted equipment.
The vision panel allows the operator to observe indicators and use IR control, but stops any unwanted tampering.
-Mounted in a Steel Cover
-Kit Includes M6 Security Screws
-High Quality Black or Silver Finish

Order Code	Trade	Offer
ATP01K		
ATP02K		

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All products available with 1 YEAR WARRANTY

Headphones

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

Vibe Audio

Construction: ABS with neodymium magnets
Driver: 50mm
Cable: Detachable TPU flat cable
Cable Length: 1.0m
Connectivity: 3.5mm gold plated TRS jack
Mic / Remote: Yes (Optional)

Code	Offer
FLI-OVER	

House Of Marley

Ultimate comfort - lightweight, canvas-covered adjustable headband
Ultra soft ear cushions to isolate sound
30mm moving-coil drivers to deliver incredibly detailed sound
Sound signature for as much energy, emotion, inflection, nuance and attitude as the original performance
Gold plated stereo 3.5mm connector and static-free connection
One button remote with mic

Code	Offer
HARAMBE	

Skull Candy

In-ear-canalphone Design
30 mW of Max Power Input
10 mm Headphone Driver Units
20 Hz-20000 Hz Headphone Frequency Response
32 ohm Headphone Impedance
3.5 mm Headphone Jack

Code	Trade	Offer
SPOKE-GRN	Green	
SPOKE-PURP	Purple	
SPOKE-WHT	White	

Fisher Audio
Headphones

Closed back stereo On-ear headphones.
Durable ABS plastic housing.
Flat tangle resistant cable.
In-Line multifunction remote and microphone
Cool Urban Design
Balanced sound signature

Order Code	Description	Offer
DRACO-GY	Grey Headphones	
DRACO-WH	White Headphones	

Veho
Headphones

Speaker Size 50mm
Sensitivity 116±3dB
Impedance 32 Ohms
Frequency Response 20-200Hz
Cord Length 120cm
Connectivity: 1 x 3.5mm Stereo Pin

Order Code	Description	Offer
VEHO-GLORY	No Proof Headphones	

Pioneer
Headphones

Fully Enclosed Dynamic Headphones
Frequency Response: 11 - 24,000 Hz
Sensitivity: 103 dB/mW
Driver Unit: Diameter 40 mm
Cable Length: 1.2 m

Order Code	Description	Offer
SE-MJ512-WGN	Turquoise Headphones	
SE-MJ512-WP	Pink Headphones	

Pioneer
Headphones

Fully-Enclosed Headband Headphones for TV
Frequency Response:8 - 25,000 Hz
Sensitivity:98 dB
Driver Unit Diameter: 40 mm
3.5 mm stereo mini plug (gold plated)
Cable Length:5 m single-sided cord, with volume control

Order Code	Description	Offer
SE-M631-TV	Fully Enclosed Headphones	

Denon
Headphones With Mic

Closed Type Stereo Headphones
Driver unit: 42 mm Neodymium magnet
3-Button Remote + Mic
Sensitivity: 105 dB/mW
Connection cable + plug: 1,3 m cable with 3.5 mm gold-plated stereo plug
Accessories (inclusive): 6.3 mm stereo plug

Order Code	Description	Offer
AH-D310R	Headphones With Mic	

Skull Candy
Carbon/Sparkle Motion Headphones

3.5 mm jack connector
Driver diameter: 50mm
Magnet type: NdFeB
Frequency response: 20Hz to 20kHz
Impedance: 64 ohms · Cable type: TPE

Order Code	Description	Offer
SKPRO-C	Carbon Headphones	
SKPRO-SM	Sparkle Motion Headphones	

Bang & Olufson
Ultra-Light Headphones

High quality sound performance
Good bass, focused middle and precise highs
Enjoy sound the way the artists intended it
Design icon and in the permanent collection at the Museum of Modern Art
Headphone principle: Dynamic, semi-open · Frequency range: 20Hz ~ 21000Hz

Order Code	Description	Offer
FORM2	Ultra-Light Headphones	

Skull Candy
Stephen Walter Edition & Emil Kozak Edition Headphones

Sound Pressure Level104 dB (1mW/500Hz)
THDless than 0.1% (1mW/500Hz)
Weight (without cable)approx. 200 g
Cable TypeNylon Braided

Order Code	Description	Offer
AVIATOR	Stephen Walter Edition	
AVIATOR-EZ	Emil Kozak Edition	

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Harry B Litherland Limited
50 YEARS OF EXCELLENCE

SAMSUNG
Panasonic
LG
cello
SHARP
B TECH
Labgear
PHILEX
TRIAX
Optoma
TriStar
NEC
APart
TEAC
SigNET
Wharfedale
DENON
TRANTEC
SENNHEISER
Cloud
TASCAM
audio-technica
JBL
TOA
YAMAHA
HBCCTV
HIKVISION
QVIS

VX VIDEX

Now stocking Videx door entry kits

Turn to page 55

4K-1S

1 Way 4000 Series
Surface Mount Audio Kit

Kit comprises of external speaker unit, surface mounting box, PSU and wall mount telephone

Order Code	Offer
4K-1S	

4K-1S/CL

1 Way 4000 Series
Surface Mount Audio Kit
with Codelock

Kit comprises of external speaker unit, keypad, surface mounting box, PSU and wall mount telephone

Order Code	Offer
4K-1S/CL	

4K-1S/GSM

1 Way 4000 Series GSM
Surface Mount Audio Kit

Kit comprises of external speaker unit, surface mounting box, PSU and antenna
*** Sim card is required**

Order Code	Offer
4K-1S/GSM	

CVK8KS

1 Way 8000 Series Surface
Mount Colour Video Kit

Kit comprises of external speaker unit, surface mounting box, PSU and wall mount colour videophone

Order Code	Offer
CVK8KS	

For any other door entry requirements please contact Technical who will be happy to design a system for you

CCTV and Security

JUNE 2014

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Tech 01253 607859
Fax 01253 607831
Web www.hblitherland.co.uk
Email sales@hblitherland.co.uk

HBCCTV

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Don't forget to order...

CCTV MONITOR

CCTVVGAMON19
19" CCTV monitor with VGA & BNC

Black bezel with black stand and black rear cabinet
LCD/LED: 18.5" (47 cm) active matrix, wide LED-LCD
Resolution: 1366 x 768
Input Video Signal: VGA x 1 (Connector: 15 pin D-sub), 'S' Video x 1, Composite Video BNC x 1
VESA Wall Mount Compliant: 100mm x 100mm

Code	Trade	Offer
CCTVVGAMON19		

RG59 and SHOTGUN Cable

RG59SHOTGUN
100m RG59 128 Strand Copper Clad Shotgun

10X BNP59C + 10X DC2.2

CAT5305M
CCA Networking Cable

CAT5305MPC
305m Pure Copper Cat5E

70215B
RJ45 Network Plug

A COMPLETE RANGE OF POWER SUPPLY UNITS

Pro CCTV PSU's with 9x or 18x 1.1A outputs

Pro CCTV PSU's with 9x or 18x 1.1A PTC fused and surge protected outputs. For up to 9 or 18 CCTV cameras. Housed in a rugged metal enclosure

4 way 5 AMP power supply. More than capable of powering up to four of any of our cameras! Mains lead included

Code		Trade	Offer
PSU1210RD	2 Amp PSU		
4WAYPSU	4 Way 5 Amp		
PS055	9 Out 5 Amp		
PSU-20A-18B	18 Way 20 Amp		

HBDVR41TB/81TB

4/8 Channel Networkable Cloud Plug and Play DVR

VISIT OUR WEBSITE, OR DOWNLOAD THE APP FOR YOUR SMARTPHONE

NO PORT FORWARDING
NO LONG SET-UP COSTS
JUST PLUG AND PLAY...
USING THE DVR SERIAL NUMBER

NO HDD Drives Installed

Number of Channels: 4 / 8
Display Support: VGA, Composite (BNC)
Mobile Monitor: Support iPhone, Blackberry, Windows, Symbian and Android
Max Resolution: 1024 x 1280

Recording resolution:
Realtime CIF on every channel
4 channel: D1 on all channels
8 channel: D1 on 2 channels, CIF on 6 channels
Dimensions (H x W x D):
46 x 299 x 225
2 x USB & 4 x BNC in, 1 x BNC & 1 x VGA out

Code	Trade	Offer
HBDVR41TB		
HBDVR81TB		

HBBULLET65/70 - 650/700TVL

Weatherproof Day/Night IR Bullet Camera

SONY EFFIO CHIPSET IN HBCCTV CAMERAS

1/3" High Resolution CCD Sensor
2.8 - 12mm Varifocal Lens
IP66 Rated
IR Distance: 30m (65), 50m (70)
Auto Gain Control (AGC)
Auto Electronic Shutter (AES)

Order Code		Trade	Offer
HBBULLET65	650TVL		
HBBULLET70	700TVL		

HBSLV/WHTBULLET70

Weatherproof Day & Night IR Colour Camera

1/3" High Resolution CCD Sensor
2.8 - 12mm Varifocal Lens
IP66 Rated
IR Distance: 30m
Auto Gain Control (AGC)
Auto Electronic Shutter (AES)

Order Code	Trade	Offer
HBSLVBULLET70		
HBWHTBULLET70		

HBDOME65 and HBDOME70

650 / 700 TV-Line Dome Cameras

Dome cameras (IP66)
650 or 700 TVL Models
Alloy armoured housing
20 Metre IR range
2.8 - 12mm Varifocal Lens

AVAILABLE IN 3 COLOURS

Dont forget to order your Stand-off Rings

Order Code		Trade	Offer
HBDOME65B / G / W	Black / Grey / White		
HBDOME70B / G / W	Black / Grey / White		
HBRINGB / G / W	Stand-off ring		

HBVDOME70

700 TVL Internal Vandal-proof Day/Night IR Dome Camera

1/3" High Resolution CCD Sensor
700 TVL
2.8 - 12mm Varifocal Lens
IR Distance: 25m
(with 30 unit infrared LED)
Auto Gain Control (AGC)
Auto Electronic Shutter (AES)

Order Code	Trade	Offer
HBVDOME70		

HBPROBULLETW70

700 TVL Professional Day/Night IR White Bullet Camera

1/3" High Resolution CCD Sensor
700 TVL
9 - 22mm Varifocal Lens
IP66 Rated
IR Distance: 80m
(with 6 unit infrared LED)
Auto Gain Control (AGC)
Auto Electronic Shutter (AES)

Order Code	Trade	Offer
HBPROBULLETW70		

HBPROBULLETB70

700 TVL Professional Day/Night IR Grey Bullet Camera

1/3" High Resolution CCD Sensor
700 TVL
9 - 22mm Varifocal Lens
IP66 Rated
IR Distance: 50m
(with 8 unit infrared LED)
Auto Gain Control (AGC)
Auto Electronic Shutter (AES)

Order Code	Trade	Offer
HBPROBULLETB70		

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HBCCTV

TRANSMISSION ACCESSORIES & POWER SUPPLIES

Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

PS2101 JUNCTION BOX

IP55 JUNCTION BOX 80 X 80 X 45

CCTV Install Essentials

Connectors, Cables, Accessories

Order Code		Offer
LABEXKIT	20M BNC Video/Pwr	
BNP59C	RG59 BNC plug/boot	
BNC002	Economy BNC	
BNJJ	BNC coupler	
BNT	BNC Tee piece	
BNJPHP	BNC to male RCA	
BNPPHP	BNC to female RCA	
DC2.1	DC Male connector	
DC2.2	DC Female connector	
BNCKIT	BNC Tool kit	
BNCCRIMPTOOL	BNC Crimp tool	
BNCSTRIPTOOL	RG59 Stripping tool	
CROSSA4	A4 Foamex CCTV sign	
CROSSA3	A3 Foamex CCTV sign	

SPIDEREX

CCTV SPIDER REPELLANT 300ML

HBL HB-105C

Twin Pack of Passive Combinable Video Baluns

HBL EXCLUSIVE

Innovative combinable design - no more messy cabling at the back of your DVR/cabinet

Built-in transient suppression protection

Connectors: Male BNC and terminal blocks

Full-motion CCTV video at distances up to 330m when used with any passive transceiver

Order Code	Description	Trade	Offer
HB-105C	Twin Pack of Video Baluns		

VISIT OUR WEBSITE FOR DEMO VIDEOS

HBL HB-108C

Twin Pack of Passive Push-Fit Video Baluns

HBL EXCLUSIVE

Completely toolless - no cable stripping needed

Simply push the Cat5 twisted pair into the balun and snap the lid down

Connectors: Male BNC and UTP

Full-motion CCTV video at distances up to 330m when used with any passive transceiver

Order Code	Description	Trade	Offer
HB-108C	Twin Pack of Video Baluns		

4WAYPSU 5 Amp PSU with 4 Camera Adapter

Mains lead included - short circuit proof

A plug in 5 amp 12 volt power supply and 4 camera adapter to provide power.

5 amps provides plenty of power for larger cameras with more powerful infrared illumination and easily copes with less demanding cameras such as the internal domes or smaller day/night products.

Perfect for... **Larger Cameras with more powerful infra-red illumination**

All QVIS Cameras - Domestic Installs

HBL Recommends

Order Code	Trade	Offer
4WAYPSU		

PSU-20A-18B Multi-Port Power Supply

18 Port Solution

No need to replace fuses when there is an over-surge or short circuit. A PTC fuse for each port will give 1.5 amps max current output.

Rear cable entry point if installed into a cavity wall

Very easy to access and use terminals with high quality connectors. Flathead or Phillips screwdriver fitting

Green active status LED for each output

Double earth for lid and base

Easy access terminals when connecting to ring main

Order Code	Trade	Offer
PSU-20A-18B		

HBL HB-401M

4 Channel Passive Video Balun

HBL EXCLUSIVE

Transmit up to 4 cameras over a single Cat5 run

Simply push the RJ45 plug into the balun and connect all 4 cameras

Connectors: Male BNC and RJ45

Full-motion CCTV video at distances up to 330m when used with any passive transceiver

Order Code	Trade	Offer
HB-401M		

HBL HB-GB600

Pair of Coaxial Video Ground Loop Isolators

HBL EXCLUSIVE

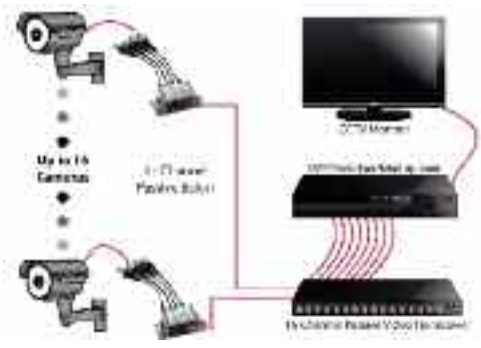
Prevents video-signal distortion caused by video ground loops, and prevents power cables laid by others interfering with the CCTV system

Eliminates picture teraing, cross-talk and rolling

Built-in video filter, perfect to work with DVRs to reduce interference

Order Code	Trade	Offer
HB-GB600		

HBL HB-1600 16 Channel Passive Video Transceiver



HBL EXCLUSIVE

Prevents video-signal distortion caused by video ground loops, and prevents power cables laid by others interfering with the CCTV system

Eliminates picture teraing, cross-talk and rolling

Built-in video filter, perfect to work with DVRs to reduce interference

Order Code	Trade	Offer
HB-1600		

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Don't forget to order...

Money Saving Offers!

MINIPTZEXT23
23X OPTICAL ZOOM EXTERNAL PTZ

Preset: 80 (DH-SD), 255 (Pelco P/D) 650TVL
0.01 Lux - RS4855

Code	Trade	Offer
MINIPTZEXT23		

ADMINIKB
Half Scale • 3 Axis
Multi-Protocol
Keyboard

Code	Trade	Offer
ADMINIKB		

ADFULLKB
Full Scale • 3 Axis
Multi-Protocol • Keyboard

Code	Trade	Offer
ADFULLKB		

TEST009
CCTV IP TEST MONITOR
3.5" LCD SCREEN

DID YOU KNOW?

YOU CAN TALK LIVE TO YOUR CCTV SYSTEM REMOTELY VIA THE QVIS "I" RANGE OF DVRS WITH AN AMPLIFIER AND SOME SPEAKERS

TOA PROVIDE THE PERFECT SOLUTIONS ON PAGE 37

CALL FOR MORE INFO

QVIS
ANALOGUE CCTV PRODUCTS

AD705 600TVL Eyeball Domes
ADE36 650TVL Enhanced IR

3.6mm Lens (705), 2.8 - 12mm Varifocal lens (36) 10 - 15m IR (705), Up to 30m IR (36), IP66
Stand-off rings for use with ADE36 cameras only
Armoured housing, back light compensation & intelligent IR

Order Code	Trade	Offer
AD705B / W / G		
ADE36B / W / G		
LERINGB / W / G		

ADB650VF
All in One Armoured Outdoor / Indoor Bullets

1/3" SONY CCD ADB600VF
1/3" 960H Exview HAD II CCD ADB650VF
650TVL, IP66
2.8 - 12mm Varifocal Lens, 12V DC
Cable-managed bracket and built-in sunshield

Order Code	Trade	Offer
ADB650VF 2.8 - 12mm 650TVL		

AD2008WHITE
700TVL IR Anti Vandal Dome

Anti-Vandal Dome Cameras
2.8 - 11mm lens
Up to 30M IR, IP66
Dual Voltage
Armoured housing & intelligent IR

Order Code	Trade	Offer
AD2008WHITE IR AV Dome		
AD2000WALL Bracket		

Atlantis Series
4/8/16 Channel Standalone DVRs

4 Channel DVR - 25FPS on all 4 channels
8 Channel DVR - 25FPS on 1 channel, 6FPS on all other channels
16 Channel DVR - 25FPS on 1 channel, 6FPS on all other channels

Remote viewing
Timeline Playback
4 Ch Audio input
H.264 video compression
Smart search motion detection
Pentaplex function
Easy backup
Alarm triggering
Wi-Fi
PSS Compatible
1 x HDMI, 1 x VGA
PTZ control
Bi-directional talk

Order Code	Trade	Offer
ATL-4-1TB		
ATL-8-1TB		
ATL-8-2TB		
ATL-16-1TB		
ATL-16-2TB		

iZeus HD Lite Series
4/8/16 Ch Full D1 1080p Mini 1U DVR's

4 Channel - Realtime D1 on all channels 25fps
8/16 Channel 25fps at CIF 6fps D1

4/8/16 Channel Video Inputs & 1 Channel Audio Input/Output
H.264 Compression
Remote access through mobile phone
1 x HDMI, 1 x VGA, 1 x BNC video outputs
1080p realtime preview
Supports 1 SATA HDD, USB
Built in webs server, multi-dvr client
Live, recording, playback & back up
Easy backup, USB devices, network download
Smart video detection: motion detection camera blank, video loss
iAPollo App

Order Code	Trade	Offer
IAPOLLO41TB		
I-ZEUSHDL-8-1TB		
I-ZEUSHDL-8-2TB		
I-ZEUSHDL-16-1TB		
I-ZEUSHDL-16-2TB		

iApollo Pro Lite Series
8/16 Channel 1.5U Standalone DVR's

25FPS real time recordings across all channels
Full channel D1 (4CIF) Real time recordings
8 or 16 Channel simultaneous playback
Up to 8/16 cameras with Hi-Def 1080P display
H.264 dual-stream video compression
Remote access through smart mobile phones
Built in webs server, multi-dvr client
Supports 4 SATA HDD, 2 USB2.0
HDMI / VGA / TV/ SPOT (BNC) synchronous video output
Easy backup - USB devices, network download, CD/DVD-RW
Smart video detection: motion detection, camera blank, video loss
Alarm triggering screen tips, buzzer, PTZ, e-mail & FTP upload
Pan Tilt Zoom and Speed Dome control
Built in web server, multi-dvr client & ZMS

Order Code	Trade	Offer
I-APOPROLITE-8-1TB		
I-APOPROLITE-8-2TB		
I-APOPROLITE-16-1TB		
I-APOPROLITE-16-2TB		

Pro DC Series DVR's 8/16/32 Channel Full D1 2U Standalone DVR with DVD Writer

Full D1 on all channels @ 25FPS
Smart Phone Compatible
DVD Writer
Full HD 1080p Real Time Preview
1 x HDMI, BNC & VGA Video Outputs
Pentaplex Operation

1, 2, 4, 8, and 12TB
versions available in all models

Smart phone compatible with the iZeus and iApollo apps

Order Code	Trade	Offer
I-APOPRODC-8-1TB		
I-APOPRODC-8-2TB		
I-APOPRODC-8-4TB		
I-APOPRODC-8-8TB		
I-APOPRODC-8-12TB		
I-APOPRODC-16-1TB		
I-APOPRODC-16-2TB		
I-APOPRODC-16-4TB		
I-APOPRODC-16-8TB		
I-APOPRODC-16-12TB		
I-APOPRODC-32-1TB		
I-APOPRODC-32-2TB		
I-APOPRODC-32-4TB		
I-APOPRODC-32-8TB		
I-APOPRODC-32-12TB		

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Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

THE ONVIF SPECIFICATION DEFINES A COMMON PROTOCOL FOR THE EXCHANGE OF INFORMATION BETWEEN NETWORK VIDEO DEVICES.

CAT5 CABLE

CAT5305M
CCA Networking Cable

CAT5305MPC
305m Pure Copper Cat5E

70215B
RJ45 Network Plug

Netgear 10/100 Switches with PoE

NETFS108P
NETFS116P
NETFS726TP

NETFS108P
Netgear 8 Port 10/100 Desktop Switch with 4 Ports of PoE

NETFS116P
Netgear 16 Port 10/100 Desktop Switch with 8 Ports of PoE

NETFS726TP
Netgear 24 Port 10/100 Smart Switch with 2 Gigabit ports and 12 Ports of PoE

z

Code		Trade	Offer
NETFS108P	8 Port / 4 PoE		
NETFS116P	16 Port / 8 PoE		
NETFS726TP	24 Port / 12 PoE		

QVIS IP CCTV PRODUCTS

AMB-EYE2 2MP Full HD Network Small IR Dome Camera

ONVIF

2 (1920 x 1080) megapixel resolution
3.6mm fixed lens (6mm optional)
25/30FPS @ 1080p
DWDR Day/Night (Electronic), 3DNR, AWB, AGC, BLC
Multiple network monitoring: Web viewer, CMS (DSS / PSS) & DMSS
Max. IR LEDs Length 20m
IP66, DC12V, PoE (802.3af)
ONVIF Profile S

Order Code	Trade	Offer
AMB-EYE2		

AMB-MB2
2 MP Full HD Network Small IR Bullet Camera

ONVIF

2 (1920 x 1080) megapixel resolution
6mm fixed lens (3.6mm, 8mm optional)
25/30FPS @ 1080p
DWDR Day/Night (Electronic), 3DNR, AWB, AGC, BLC
Multiple network monitoring: Web viewer, CMS (DSS / PSS) & DMSS
Max. IR LEDs Length 20m
IP66, DC12V, PoE (802.3af)
ONVIF Profile S

Order Code	Trade	Offer
AMB-MB2		

AMB-BL2
2MP Full HD Network Water-Proof IR Bullet Camera

ONVIF

2 (1920 x 1080) megapixel resolution
3.3 - 12mm varifocal lens
25/30FPS @ 1080p · DWDR, Day/Night (ICR), Auto Iris, 3DNR, AWB, AGC, BLC
Multiple network monitoring: Web viewer, CMS & PSS
Max. IR LEDs Length 20m
IP66, DC12V (AC 24V optional), PoE (802.3af) · ONVIF Profile S

Order Code	Trade	Offer
AMB-BL2		

AMB-VANIR2
2MP 1080p Vandal-Proof IR Dome Camera

ONVIF

2 (1920 x 1080) megapixel resolution
3.3 - 12mm varifocal lens
25/30FPS @ 1080p, 50/60FPS @ 720p
DWDR, Day/Night (ICR), 2DNR, AWB, Auto Iris, AGC, BLC
Max. IR LEDs length 20m
OSD, AC24V/DC12V, PoE
ONVIF Version 2.0

Order Code	Trade	Offer
AMB-VANIR2		

IPPTZ-12-EXT
2MP Mini Network PTZ Dome Camera

ONVIF

Powerful 12x Optical Zoom
Max. 25/30fps @ 1080p & 50/60fps @ 720p
DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
Max 300°/s pan speed, 360° continuous pan rotation
Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
Built-in 2/1 alarm in/out
Support intelligent 3D positioning with DH-SD protocol
IP66, POE+

Order Code	Trade	Offer
IPPTZ-12-EXT		

iApollo
4 Channel 1U4 PoE Mini NVRs

ONVIF

Up to 4 channels with 1080P real-time live view
H.264/MJPEG dual codec decoding
Max 120FPS @ 1080p, 240FPS @ 720p,
480FPS @ D1 preview & recording
All channel simultaneous real-time playback,
GRID interface
ONVIF Version 2.0 conformance
3D intelligent positioning PTZ camera
Support 1 x SATA HDD up to 4TB, 2 x USB2.0
Support IPC UPnP, 4 PoE ports
Multiple network monitoring: Web viewer, CMS, PSS

Order Code	Trade	Offer
NVR-4POE-1TB		
NVR-4POE-2TB		

Cortex
16 Channel Mini NVRs

ONVIF

16 channels, Real time recording
No additional licence costs or fees
Simple operation and management
25FPS recording rate
Gigabit Ethernet
Customised integration supported
1080p recording and live display
Scalable Solution
New CMS Mac compatibility
Feature upgrades with QViS Cloud
Synergy between NVR & cameras
Free remote updates & system enhancements
Simple Linux stability: for longevity of the system
No alarm input · 1 x PTZ control
iPhone/Tablet compatible with dedicated apps available

Order Code	Trade	Offer
T16-G620MINI-2TB		
T16-G620MINI-4TB		

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Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

SAMSUNG IP

SNO-6011R
2MP full HD 1080P network bullet camera with IR's (15m)
3.8mm lens IP66
PoE

SND-6011R
2MP full HD 1080P network bullet camera with IR's (10m)
3.8mm lens
PoE

SRN-1670D
16 channel network video recorder
1TB HDD DVD-RW

SRN-470D
4 channel network video recorder
1TB HDD DVD-RW

SAMSUNG TECHWIN

SCO-2080R

True day/night external bullet camera with IR's (50m)
2.8 – 10mm lens 600TVL Colour/700TVL B&W
IP66

Order Code	Offer
SCO-2080R	

SCO-2040R

Compact external bullet camera with IR's (25m)
8mm lens 650TVL
IP66

Order Code	Offer
SCO-2040R	

SCD-2080P

Internal day/night varifocal dome camera
2.8 – 10mm lens 600TVL Colour/700TVL B&W

Order Code	Offer
SCD-2080P	

SCD-2021R

Mini dome camera with IR's (20m) 650TVL
3.6mm lens

Order Code	Offer
SCD-2021R	£48.00

SCD-1020R

Mini dome camera with IR's (10m) 520TVL
3.6mm lens

Order Code	Offer
SCD-1020R	

SCV-2081R

Vandal resistant external true day night dome camera with IR's (20m)
2.8 – 10mm lens 600TVL Colour/700TVL B&W
IP66

Order Code	Offer
SCV-2081R	

SCP-2271H

27x PTZ external dome camera IP66
600TVL Colour/700TVL B&W
SBP-300WM wall bracket £19
SBP-300KM corner adaptor £16

Order Code	Offer
SCP-2271H	

SRD-1654D

16 channel CIF real time DVR 500GB
Full HD 1080P video out DVD-RW

Order Code	Offer
SRD-1654D	

SRD-854D

8 channel CIF real time DVR 500GB
Full HD 1080P video out DVD-RW

Order Code	Offer
SRD-854D	

SRD-443

4 channel CIF real time DVR 500GB

Order Code	Offer
SRD-443	

SRD-442

4 channel CIF real time DVR 500GB
4.3" touch screen monitor

Order Code	Offer
SRD-442	

SMT-1934

19" LED monitor
HDMI, VGA and BNC

Order Code	Offer
SMT-1934 19" HDMI VGA BNC Monitor	
SMT-1914 19" LED monitor VGA only	

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Don't forget to order...

U10001
Mini Maglock

U300ZL
Z & L Kit for Mini Maglock

M1-A-LOCK
Electric Release

CP22-N
Resettable Breakglass

DRB001N-PTE
Plastic Exit Button

DRB004F-PTE
Green Dome Exit Button

DRB-SH Surface Housing for DRB004F-PTE

VIDEX
The Power to Secure

4K-1S

1 Way 4000 Series Surface Mount Audio Kit

Order Code	Offer
4K-1S	

4K-1S/CL

1 Way 4000 Series Surface Mount Audio Kit with Codelock

Order Code	Offer
4K-1S/CL	

VR4K-1S

1 Way 4000 Series Vandal Resistant Surface Mount Audio Kit

Order Code	Offer
VR4K-1S	

VR4K-1S/CL

1 Way 4000 Series Vandal Resistant Surface Mount Audio Kit with Codelock

Order Code	Offer
VR4K-1S/CL	

4K-1S/GSM

1 Way 4000 GSM Series Surface Mount Audio Kit
*** Sim card is required**

Order Code	Offer
4K-1S/GSM	

VR4K-1S/GSM

1 Way 4000 Vandal Resistant GSM Series Surface Mount Audio Kit
*** Sim card is required**

Order Code	Offer
VR4K-1S/GSM	

CVR4KV-1S

1 Way 4000 Series Vandal Resistant Surface Mount Colour video Kit

Order Code	Offer
CVR4KV-1S	

CVK8KS

1 Way 8000 Series Surface Mount Colour Video Kit

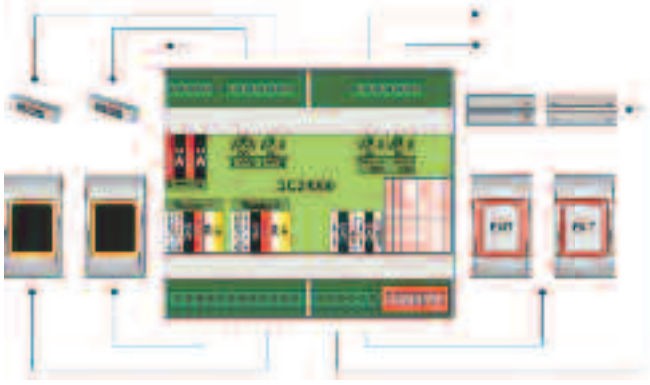
Order Code	Offer
CVK8KS	

CVKC8KS

1 Way 8000 Series Surface Mount Colour Video Kit with Codelock (2 button version shown, call for pricing on this)

Order Code	Offer
CVKC8KS	

VIDEX ACCESS CONTROL



Schematic

SC24000
2 Door Controller

MTPXS-M
Silver Reader

S-Prox Standalone Access Control
2 entrance proximity access control system for up to 4000 users. Utilising shadow cards for easy user management and incorporating advanced features such as anti back, door forced and door left open alarms.

Order Code		Offer
SC 24000	Controller	
MTPXS-M	Reeder	
SP29	PSU	
PBX2/10PK	Proximity Card (10pk)	
PBX-2	Proximity Card	

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Don't forget to order...

CCTV MONITOR

CCTVVGAMON19
19" CCTV monitor with VGA & BNC

Black bezel with black stand and black rear cabinet
LCD/LED: 18.5" (47 cm) active matrix, wide LED-LCD
Resolution: 1366 x 768
Input Video Signal: VGA x 1 (Connector: 15 pin D-sub), 'S' Video x 1, Composite Video BNC x 1
VESA Wall Mount Compliant: 100mm x 100mm

Code	Trade	Offer
CCTVVGAMON19		

RG59 and SHOTGUN Cable

RG59SHOTGUN
100m RG59 128 Strand Copper Clad Shotgun

CAT5305M
CCA Networking Cable

CAT5305MPC
305m Pure Copper Cat5E

CAT6305M
305m Pure Copper Cat6

70215B
RJ45 Network Plug

HIKVISION

UPGRADED MODELS ON HIKVISION ANALOGUE CCTV

DS-2CE55A2P
700TVL Dome Camera

UPGRADED MODEL

1/3" DIS
700 TVL resolution
3.6mm Lens
Day / night auto switch
3-axis adjustment
Compact design

Order Code	Trade	Offer
DS-2CE55A2P		

DS-2CE15A2P-IR(-G)
700TVL IR Bullet Camera

UPGRADED MODEL

1/3" DIS
700TVL high resolution
3.6mm Lens
Up to 20m IR range
Smart IR
IP66 rating
True day / night
IR-G - GREY MODEL

Order Code	Trade	Offer
DS-2CE15A2P-IR		
DS-2CE15A2P-IR-G		

DS-2CE5582P-VF (-G)
600TVL Varifocal Internal Domes

600TVL
1/3" DIS, 0.1Lux @ (F1.2,AGC ON)
0.14Lux @ (F1.4,AGC ON)
2.8 - 12mm @ F1.4, 12VDC
VF-G - GREY MODEL

Order Code	Trade	Offer
DS-2CE5582P-VF		
DS-2CE5582P-VF-G		

DS-2CE55A2P-VFIR3 (-G)
700TVL Varifocal IR Dome Cameras

UPGRADED MODEL

1/3" DIS, 700TVL
high resolution
2.8 - 12mm @ F1.4,
Vari-focal Lens
Up to 40m IR range
True day / night, IP66 rating
VFIR3-G - GREY MODEL

Order Code	Trade	Offer
DS-2CE55A2P-VFIR3		
DS-2CE55A2P-VFIR3-G		

DS-2CE15A2P-VFIR3(-G)
700TVL Varifocal IR Bullet Camera

UPGRADED MODEL

1/3" DIS
700TVL high resolution
2.8 - 12mm Varifocal Lens
Up to 40m IR range
IP66 rating
True day / nigh
VFIR3-G - GREY MODEL

Order Code	Trade	Offer
DS-2CE15A2P-VFIR3		
DS-2CE15A2P-VFIR3-G		

DS- 2AF7264-AW
Hikvision IR High Resolution Smart Speed Dome

1/3" Sony Interline Transfer Exview HAD-II CCD
700TVL high resolution
Smart IR, 150m IR distance
Smart tracking • 23x optical zoom
3D DNR • IP66 rating • Pelco-P, Pelco-D
PTZ-PSU - IP66 24VAC 4A PSU
DS-1614ZJ - external wall bracket

Order Code	Trade	Offer
DS-2AF7264-AW		
PTZ-PSU		
DS-1614ZJ		

HikVision DS-72 Series
4 / 8 / 16 Channel WD1 Standalone DVR's

iVMS-4500 App

H.264 video compression
BNC, VGA & HDMI video output
WD1 Resolution: 960 x 576
Recording resolution: WD1 / 4CIF / 2CIF / CIF / QCIF @ 25 fps (P) / 30 fps (N)
Dual-stream
4/8/16-ch synchronous playback
VGA & HDMI output @ 1920 x 1080p resolution

UPGRADED MODEL

Order Code	Trade	Offer
DS-7204HWI-SH-1TB	4 Ch 1TB	
DS-7204HWI-SH-2TB	4 Ch 2TB	
DS-7208HWI-SH-1TB	8 Ch 1TB	
DS-7208HWI-SH-2TB	8 Ch 2TB	
DS-7208HWI-SH-4TB	8 Ch 4TB	
DS-7216HWI-SH-1TB	16 Ch 1TB	
DS-7216HWI-SH-2TB	16 Ch 2TB	
*DS-7216HWI-SH-4TB	16 Ch 4TB	

HikVision DS-73 Series
4 / 8 / 16 Channel WD1 Standalone DVRs with DVD Writer

iVMS-4500 App

UPGRADED MODEL

H.264 video compression
BNC, VGA & HDMI video output
WD1 resolution real time recording (960 x 576)
Recording Resolution: WD1/ 4CIF / 2CIF / CIF / QCIF @ 25 fps (P) / 30 fps (N)
HDMI/VGA output at 1920 x 1080p resolution
Gigabit network interface
Up to 16-ch synchronous playback
HDD quota and group management
Fully networkable using iVMS-4200Client / iVMS-4500 App (free)

Order Code	Trade	Offer
DS-7304HWI-SH-1TB	4 Ch 1TB	
DS-7304HWI-SH-2TB	4 Ch 2TB	
DS-7308HWI-SH-1TB	8 Ch 1TB	
DS-7308HWI-SH-2TB	8 Ch 2TB	
DS-7308HWI-SH-4TB	8 Ch 4TB	
DS-7316HWI-SH-1TB	16 Ch 1TB	
DS-7316HWI-SH-2TB	16 Ch 2TB	
DS-7316HWI-SH-4TB	16 Ch 4TB	

HikVision DS-81 Series
8 / 16 / 32 Channel WD1 Professional DVRs with DVD Writer

UPGRADED MODEL

H.264 video compression
BNC, VGA & HDMI video output
WD1 resolution real time recording (960 x 576)
Recording Resolution: WD1 / 4CIF (32ch) / 2CIF / CIF / QCIF @ 25fps (P) / 30fps (N)
HDMI/VGA output at 1920 x 1080p resolution
Dual operating system (DS-8132HWSI-SH)
Dual Gigabit network interface (DS-8132HWSI-SH)
Fully networkable using iVMS-4200 Client / iVMS-4500 App (free)

Order Code	Trade	Offer
DS-8116HWI-ST-3TB	16 Ch 3TB	
DS-8116HWI-ST-6TB	16 Ch 6TB	
DS-8116HWI-ST-9TB	16 Ch 9TB	
DS-8116HWI-ST-12TB	16 Ch 12TB	
DS-8132HWSI-ST-3TB	32 Ch 3TB	
DS-8132HWSI-ST-6TB	32 Ch 6TB	
DS-8132HWSI-ST-9TB	32 Ch 9TB	
DS-8132HWSI-ST-12TB -	32 Ch 12TB	

Western Digital AV drives installed in all Hikvision recorders

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Don't forget to order...

THE ONVIF SPECIFICATION DEFINES A COMMON PROTOCOL FOR THE EXCHANGE OF INFORMATION BETWEEN NETWORK VIDEO DEVICES.

DS-2DE7174-A 1.3MP IR PTZ Dome Network Camera

1/3" Progressive Scan CMOS
1280 x 960 HD resolution
20x optical zoom, 16x digital zoom
True Day/Night, 3D DNR, Digital WDR
100M Smart IR
3D intelligent positioning
24VAC
PTZ-PSU - IP66 24VAC 4A PSU

Code	Trade	Offer
DS-2DE7174-A		
PTZ-PSU		

Netgear 10/100 Switches with PoE

NETFS108P
NETFS116P
NETFS726TP

NETFS108P
Netgear 8 Port 10/100 Desktop Switch with 4 Ports of PoE

NETFS116P
Netgear 16 Port 10/100 Desktop Switch with 8 Ports of PoE

NETFS726TP
Netgear 24 Port 10/100 Smart Switch with 2 Gigabit ports and 12 Ports of PoE

Code	Trade	Offer
NETFS108P	8 Port / 4 PoE	
NETFS116P	16 Port / 8 PoE	
NETFS726TP	24 Port / 12 PoE	

HIKVISION

IP CCTV PRODUCTS

DS-2CD2012-I & DS-2CD2032-I
1.3 / 3MP IR Bullet Network Camera

1.3 / 3 (1280 x 960 / 2048 x 1536) megapixel high resolution
4mm lens, Max. image res: 1280 x 960 @ 25fps
HD video output, Low illumination
3D DNR & DWDR & BLC
IP66 rating
IR range: up to 30m, True day / night

Order Code	Trade	Offer
DS-2CD2012-I		
DS-2CD2032-I		

DS-2CD2112-I % DS-2CD2132-I
1.3 / 3MP Outdoor Network Mini Dome Camera

1.3 / 3 (1280 x 960 / 2048 x 1536) megapixel high resolution
4mm lens, Max. image resn: 1280 x 960 @ 25fps
HD 720p real-time video
Up to 30m IR visibility
True day/night, 3D DNR & DWDR & BLC
IP66 rating, Vandal-proof housing

Order Code	Trade	Offer
DS-2CD2112-I		
DS-2CD2132-I		

DS-2CD2312-I & DS-2CD2332-I
1.3 / 3MP Outdoor Network Mini Dome Camera

1.3 / 3 (1280 x 960 / 2048 x 1536) megapixel high resolution
Full HD 720p/1080p (2312/2332) real-time video
EXIR 30m IR range • True day/night
3D DNR & DWDR & BLC
IP66 rating • 3-Axis Gimble

Order Code	Trade	Offer
DS-2CD2312-I		
DS-2CD2332-I		

DS-2CD2712F-I & DS-2CD2732F-I
1.3 / 3MP Outdoor Network IR Dome Camera

1.3 / 3 (1280 x 960 / 2048 x 1536) megapixel high resolution
2.8-12mm vari-focal lens
Up to 20m IR visibility
True day/night
3D DNR & DWDR & BLC
IP66 rating
Vandal-proof housing

Order Code	Trade	Offer
DS-2CD2712F-I		
DS-2CD2732F-I		

DS-2CD2612F-I DS-2CD2632F-I
1.3 / 3MP Varifocal IR Bullet Camera

1.3 / 3 (1280 x 960 / 2048 x 1536) megapixel high resolution
2.8-12mm vari-focal lens
3D DNR & DWDR & BLC
IP66 rating
IR range: up to 30m
True day / night
Junction box not included DS-1260ZJ

Order Code	Trade	Offer
DS-2CD2612F-I		
DS-2CD2632F-I		
DS-1260ZJ		

DS-2DF7284-A
2MP IR Network Speed Dome

1/2.8" Progressive Scan CMOS, up to 1920 x 1080
Smart Tracking, Smart Defog
Smart IR, 150m IR distance
3D DNR, D WDR, HLC/BLC • True Day/Night
7 Alarm In, 2 Alarm Out
20x Optical Zoom, 16x Digital Zoom
IP66 rating • 24VAC

Order Code	Trade	Offer
DS-2DF7284-A		
PTZ-PSU		

HikVision DS-76 Series
4 / 8 Channel Standalone NVR with 4 / 8 Built-In PoE

iVMS-4500 App

Third-party network cameras supported
Up to 5 megapixel resolution recording
HDMI and VGA output at up to
1920 x 1080p resolution
4/8 independent PoE network interfaces
20 / 40MB (4 / 8 Ch) inbound bandwidth
Fully networkable using iVMS-4200 Client / iVMS-4500 App (free)

4 Channel

Order Code		Trade	Offer
DS-7604NI-SE/P-1TB	4 Ch 1TB		
DS-7604NI-SE/P-2TB	4 Ch 2TB		
DS-7604NI-SE/P-3TB	4 Ch 3TB		

8 Channel

Order Code		Trade	Offer
DS-7608NI-SE/P-3TB	8 Ch 3TB		
*DS-7608NI-SE/P-6TB	8 Ch 6TB		

HikVision DS-77 Series
8 / 16 Channel Standalone NVR with 8 / 16 Built-In PoE and DVD Writer

8 / 16 channel IP camera input
Third-party network cameras supported
Up to 5 megapixel resolution recording
Plug & Play with 8/16 independent PoE network interfaces
2GB Ethernet network card
40 / 80MB (8 / 16 Ch) inbound bandwidth
Fully networkable using iVMS-4200 Client / iVMS-4500 App (free)

8 Channel

Order Code		Trade	Offer
DS-7708NI-SP-3TB	8 Ch 3TB		
DS-7708NI-SP-6TB	8 Ch 6TB		

16 Channel

Order Code		Trade	Offer
DS-7716NI-SP-3TB	16 Ch 3TB		
DS-7716NI-SP-6TB	16 Ch 6TB		

HikVision DS-86 Series
8 / 16 / 32 Channel Professional NVR with 2GB Ethernet and DVD Writer

Third-party network cameras supported
Up to 5 megapixel resolution recording
HDMI and VGA output at up to
1920 x 1080p resolution
BNC and Spot Output
Up to 8 SATA interfaces
Dual Operating System
2GB Ethernet network card
40 / 80 / 160MB (8 / 16 / 32 Ch) inbound bandwidth
Fully networkable using iVMS-4200 Client / iVMS-4500 App (free)

Order Code		Trade	Offer
DS-8608NI-ST-3TB	8 Ch 3TB		
DS-8608NI-ST-6TB	8 Ch 6TB		
DS-8608NI-ST-9TB	8 Ch 9TB		
DS-8608NI-ST-12TB	8 Ch 12TB		
DS-8616NI-ST-3TB	16 Ch 3TB		
DS-8616NI-ST-6TB	16 Ch 6TB		
DS-8616NI-ST-9TB	16 Ch 9TB		
DS-8616NI-ST-12TB	16 Ch 12TB		
DS-8632NI-ST-3TB	32 Ch 3TB		
DS-8632NI-ST-6TB	32 Ch 6TB		
DS-8632NI-ST-9TB	32 Ch 9TB		
DS-8632NI-ST-12TB	32 Ch 12TB		

Western Digital AV drives installed in all Hikvision recorders

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Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

About HD-SDI

HD-SDI offers High Definition 720 and 1080P resolution video over standard Coax cabling. This gives the customer the benefit of High Definition images without the need to replace existing cables. It also takes out the need to have knowledge of network infrastructures and eliminates the need to involve IT Managers as part of the installation.

We recommend Coax cable between the camera & DVR should not exceed 100m. It can be extended beyond this using a signal repeater to give a further 100m.

HD-SDI-Repeater

Order Code	Trade	Offer
HD-SDI-REPEATER		

RG59SHOTGUN

100m RG59
128 Strand Copper Clad Shotgun

HIKVISION

HD-SDI

DS-2CC11D3S-IR-3.6
DS-2CC11D3S-IR-6
HD-SDI External IR Bullet Camera

1920x1080
10-20m IR Range
IP66, 3.6mm or 6mm lens

Order Code	Description	Offer
DS-2CC11D3S-IR-3.6	3.6mm lens	
DS-2CC11D3S-IR-6	6mm lens	

DS-2CC51D3S-VPIR-3.6
DS-2CC51D3S-VPIR-6
HD-SDI External Dome Camera

1920x1080
10-20m IR Range
IP66, 3.6mm or 6mm lens

Order Code	Description	Offer
DS-2CC51D3S-VPIR-3.6	3.6mm lens	
DS-2CC51D3S-VPIR-6	6mm lens	

DS-2CC15D5S-AVPIR3
HD-SDI External IR Dome Camera

1920x1080
10-20m IR Range
IP66, Digital WDR
2.8mm - 12mm lens

Order Code	Offer
DS-2CC51D5S-AVPIR3	

DS-2AF1-784DS
HD-SDI External IR PTZ Dome Camera

2 Megapixel, 120m IR Range
20x Optical Zoom
7x Alarm Input
24 VAC

Order Code	Offer
DS-2AF1-784DS	

DS-72 HD-SDI
4/8 Channel H SDI DVR

Supports 4/8 Channel
1080p real time
HDMI & VGA
RS485/232
Alarm 1/0:4/1

Order Code		Offer
DS-7204 HFHI-ST-ITB	4 Channel	
DS-7204 HFHI-ST-3TB	4 Channel	
DS-7204 HFHI-ST-6TB	4 Channel	
DS-7208 HFHI-ST-1TB	8 Channel	
DS-7208 HFHI-ST-3TB	8 Channel	
DS-7208 HFHI-ST-6TB	8 Channel	

DS-73 HD-SDI
16 Channel HD-SDI DVR W/DVD-RW

Supports 16 Channel
1080p real time
HDMI, VGA, BNC Spot Monitor o/p
RS485/232
Alarm 1/0:16/4

Order Code		Offer
DS-7316 HFHI-ST-3TB	16 Channel	
DS-7316 HFHI-ST-6TB	16 Channel	
DS-7316 HFHI-ST-9TB	16 Channel	

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Full specification sheets, on all products, are available at **www.hblitherland.co.uk**

Don't forget to order...

DS-1003KI Keyboard

Hikvision 3 Axis Keyboard for PTZ & DVR

CCTV Install Essentials

Connectors, Cables, Accessories

Order Code		Offer
LABEXKIT	20M BNC Video/Pwr	
BNP59C	RG59 BNC plug/boot	
BNC002	Economy BNC	
BNJJ	BNC coupler	
BNT	BNC Tee piece	
BNJPHP	BNC to male RCA	
BNPPHP	BNC to female RCA	
DC2.1	DC Male connector	
DC2.2	DC Female connector	
BNCKIT	BNC Tool kit	
BNCCRIMPTOOL	BNC Crimp tool	
BNCSTRIPTOOL	RG59 Stripping tool	
CROSSA4	A4 Foamex CCTV sign	
CROSSA3	A3 Foamex CCTV sign	

A COMPLETE RANGE OF POWER SUPPLY UNITS

Pro CCTV PSU's with 9x or 18x 1.1A outputs

Pro CCTV PSU's with 9x or 18x 1.1A PTC fused and surge protected outputs. For up to 9 or 18 CCTV cameras. Housed in a rugged metal enclosure

4 way 5 AMP power supply. More than capable of powering up to four of any of our cameras! Mains lead included

Code		Trade	Offer
PSU1210RD	2 Amp PSU		
4WAYPSU	4 Way 5 Amp		
PS055	9 Out 5 Amp		
PSU-20A-18B	18 Way 20 Amp		

Now available from HBL.....
.....Hikvision 720TVL PICADIS analogue cameras

Hikvisons's latest 720TVL analogue camera series feature a new technical concept called PICADIS – "Perfect Imagery Capturing – Advanced Digital Image System" – to achieve the highest level of image quality in the analogue world.

With this unique concept, these cameras provide 720TVL horizontal resolution through using a 1.3 megapixel (1280 x 960) image sensor to produce the highest possible resolution in an analogue camera.

DS-2CE55C2P
720TVL Internal Dome Camera

1/3" day/night dome
3.6mm lens
3 axis adjustment
High Dinamic Range

Order Code	Offer
DS-2CE55C2P	

DS-2CE55C2P-VFIR3
720TVL IR Dome Camera

1/3" day/night IR dome
2.8-12mm lens
30-40cm IR
High Dinamic Range / Smart IR

Order Code	Offer
DS-2CE55C2P-VFIR3	

DS-2CE15C2P-VFIR3
720TVL IR Bullet Camera

1/3" day/night IR bullet
2.8-12mm lens
30-40cm IR
High Dinamic Range / Smart IR

Order Code	Offer
DS-2CE15C2P-VFIR3	

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